



## Material Safety Data Sheet

### Article 1- Product Identification and Use

**Product Name:** NF-kB reporter (Luc) – HEK 293 Recombinant Cell Line

**Catalog #:** 60650

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, and agricultural application

Manufacture's Name: BPS Bioscience Inc.

Emergency contact: AMS Biotechnology  
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info@amsbio.com

### Article 2- Hazardous Ingredients

Not Available. We are not aware of any hazards associated with this product or its ingredients, but the chemical, physical, and toxicological properties of this product have not been investigated thoroughly. Exercise due care.

This substance is not hazardous as defined by OSHA 29CFR 1910.1200 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

#### Health Hazards

*Biosafety classification is based on U.S. Public Health Service Guidelines, it is the responsibility of the customer to ensure that their facilities comply with biosafety regulations for their own country.*

According to the GenTSV §5 Abs. 2 i.V.m. Anhang Teil B, Teil A II, and the statement of the ZKBS (Central committee for Biological Safety, Germany), the cell line HEK293 is categorized to Biosafety level 1.

According to the CDC, the HEK293 cell line is Biosafety level 2.

***BPS recommends checking with your local federal, state, and institutional regulations. If in doubt, we recommend using the highest appropriate biosafety level requirements.***

#### Biosafety Level 1 Cell Cultures

Handle as a potentially biohazardous material under at least Biosafety Level 1 containment. This cell line is not known to cause disease in healthy adult humans. These cells have NOT been screened for Hepatitis B, human immunodeficiency viruses or other adventitious agents, unless otherwise reported on the datasheet. Universal Precautions according to 29 CFR 1910.1030 should be followed at all times when manipulating cell lines.

**FOR IN VITRO RESEARCH PURPOSES ONLY. NOT INTENDED FOR USE IN HUMAN OR ANIMALS.**



### **Biosafety Level 2 Cell Cultures**

Handle as a potentially biohazardous material under at least Biosafety Level 2 containment.

These cell lines are associated with human disease, hazards include: percutaneous injury, ingestion, mucous membrane exposure (U.S. Government Publication Biosafety in Microbiological and Biomedical Laboratories). These cells have NOT been screened for Hepatitis B, human immunodeficiency viruses or other adventitious agents, unless otherwise reported on the Certificate of Analysis. Regardless of results reported on the Certificate of Analysis Universal Precautions according to 29 CFR 1910.1030 should be followed at all times when manipulating these cell lines.

### **Article 3- Physical Data**

This product is composed of recombinant HEK293 cells (adherent human embryonic kidney cell line) in DMSO and buffer, in liquid cell culture medium (a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water). No azide or thimerosal is present. It does not contain any selenium compounds or ammonium metavanadate. The physical properties of this product have not been investigated thoroughly.

**There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

### **Article 4- Fire and Explosion Hazard**

HMIS Rating: Health: 0 Flammability: 0

NFPA Rating: Health:0 Flammability:0

### **Article 5- Reactivity Data**

HMIS Rating: Reactivity:0

NFPA Rating: Reactivity:0

### **Article 6- Toxicological Data**

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Handling: Avoid inhalation, contact with eyes, skin and clothing.

### **Article 7- Preventative Measures**

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

Precautions : Do not pipet by mouth. Do not eat, drink or smoke in areas where reagents are handled. Wear suitable one-way rubber gloves at work. Avoid any splash and formation of aerosols.

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### **Article 8- First Aid Measures**

1. If swallowed, wash out mouth with water. If person is unconscious, call a physician.
2. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
3. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
4. In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.

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