



## Specification Sheet

**Select-HA™ 601KEF**

**Catalogue No.** HYA-601KEF-1

### Product Description

Select-HA™ is a hyaluronic acid (HA) preparation of uniform and narrow size distribution prepared by *in vitro* synthesis using recombinant *Pasteurella multocida* hyaluronan synthase<sup>1</sup>. Select-HA™ 601KEF is a Select-HA polymer with a specific average weight-average molecular mass (Mw) of 601 kDa and the polymer contains minimal level of endotoxin.

### Quantity

The tube contains 1 mg (determined by Carbazole assay) of Select-HA™ supplied as lyophilized sodium salts. Due to the existence of sodium, the actual dry weight is more than 1 mg.

### Recommended Reconstitution Procedure

Carefully open and add desired amount of water or proper buffer. Mix well to dissolve any dry product at the bottom or on the sides of the tube. For sample rehydration, allow two hours at 4°C with periodic mixing. After rehydration, centrifuge the tube for a few seconds to collect the HA solution at the bottom of the tube.

### Storage

Store at -20°C or below. To avoid frequent freeze-thaw, aliquoting is recommended. Avoid contamination with microbes or HA-degrading enzymes.

### References

1. Jing, W. and DeAngelis, P.L. (2004) Synchronized Chemoenzymatic Synthesis of Monodisperse Hyaluronan Polymers. *J. Biol. Chem.* **279**(40), 42345-42349.

### For research use only

U.S. patent 6,444,447 and 7,223,571

AMS BIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

 **UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0)1235 828 200  
F: +44 (0) 1235 820 482

 **North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218

 **Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880

 **Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85