

Data Sheet

CD27

Human, recombinant, Fc fusion protein
Catalog #: 71176
Lot#: 140528-D Conc.: 1.09 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: >6 months at -80°C . Avoid freeze/thaw cycles. Protein may be diluted to $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at -80°C .

Endotoxin Level: $<0.1 \text{ EU}/\mu\text{g}$

References:

1. Hendricks, J. *et al.*, *Nat. Immunol.* 2000; **1**: 433-440.
2. Ruprecht, C.R. *et al.*, *J. Exp. Med.* 2005; **201(11)**: 1793-1803.

Description:

Human secreted CD27, Fc fusion protein, also known as Tumor Necrosis Factor Receptor Superfamily Member 7, TNFRSF7, and T14, GenBank Accession No. NM_001242, a.a. 21-192 expressed in a HEK293 cell expression system. MW = 45.8 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

Application:

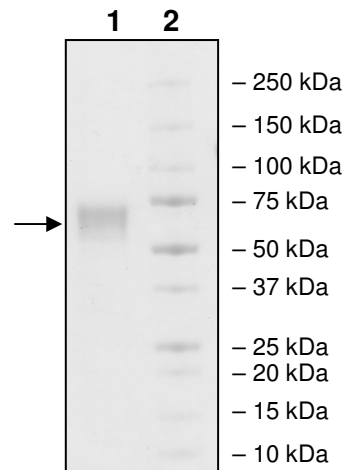
Useful for studying protein binding and screening small molecules.

Quality Assurance

4-20% SDS-PAGE Coomassie staining

Lane 1:
3.3 μg CD27
Lane 2:
Protein Marker

MW: 45.8 kDa + glycans
Purity: $\geq 90\%$



Sequence

TPAPKSCPERHYWAQGKLCCQMCEPGTFLVKDCDQHRKAAQCDCIPGVSFSPDHH
TRPHCESCRHCNSGLLVRNCTITANAECACRNGWQCRDKECTECDPLPNPSLTARS
SQALSPHPQPHTLPYVSEMLEARAGHMQTLADFRQLPARTLSTHWPPQSRSLCSSD
FIRI**EGRM**DPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV
SNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSVMSVMHEALHNHYTQKS
LSLSPGK*

Black: CD27 (a.a. 21-192)

Green: linker

Red: Fc of human IgG1 (a.a. 100-330)

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

AMSBIO | www.amsbio.com | 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