

Product information



CD27, 21-191aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1710

Full name: CD27 antigen

NCBI Accession No.: NP_001233

Synonyms: S152, T14, TNFRSF7, Tp55

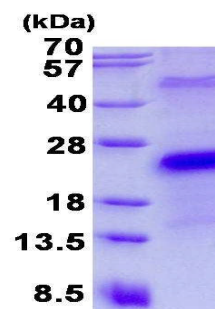
Description: TNFRSF7, also known as CD27, is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. Recombinant human CD27 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight: 21.8 kDa (196aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMTAPAK SCPERHYWAQ GKLCQMCPE GTFLVKDCDQ HRKAAQCDPC IPGVSFSPDH HTRPHCESCR
HCNSGLLVNR CTITANAECA CRNGWQCRDK ECTECDPLPN PSLTARSSQA LSPHPQPTHL PYVSEMLEAR TAGHMQTLAD FRQLPARTLS
THWPPQRSCLC SSDFIR

General references:

Gravestien L.A., *et al.* (1998) *Eur. J. Immunol.* 28:2208-2216

Prasad K.V.S., *et al.* (1997) *Proc. Natl. Acad. Sci. U.S.A.* 94:6346-6351

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com