

Recombinant Full Length Human CD27 Protein

Cat. No. CD27-54HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD27 with N terminal proprietary tag; Predicted MWt 54.34 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	260 amino acids
Description	The protein encoded by this gene 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.
Form	Liquid
Molecular Mass	54.340kDa inclusive of tags
AA Sequence	MARPHPWWLC VLGTLVGLSA TPAPKSCPER HYWAQGKLCC QMCEPGTFLV KDCDQHRKAA QCDPCIPGVS FSPDHHTRPH CESCRCNSG LLVRNCTITA NAECACRNGW QCRDKECTEC DPLPNPSLTA RSSQALSPHP QPTHLPYVSE

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MLEARTAGHM QTLADFRQLP ARTLSTHWPP QRSLCSDFI RILVIFSGMF
LVFTLAGALF LHQRRKYRSN KGESPVEPAE PCRYSCPREE EGSTIPIQED
YRKPEPACSP

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [CD27 CD27 molecule \[Homo sapiens \]](#)

Official Symbol [CD27](#)

Synonyms CD27; CD27 molecule; TNFRSF7, tumor necrosis factor receptor superfamily, member 7; CD27 antigen; S152; Tp55

Gene ID [939](#)

mRNA Refseq [NM_001242](#)

Protein Refseq [NP_001233](#)

MIM [186711](#)

UniProt ID [P26842](#)

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