

Recombinant Full Length Human CD27 Protein, C-Flag-tagged

Cat. No. CD27-1418HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD27 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.9 kDa
AA Sequence	MARPHPWWLCVLGTLVGLSATPAPKSCPERHYWAQGLCCQMCEPGTFLVKDCD QHRKAAQCDPCIPGVS FSPDHHTRPHCESCRHCNSGLLVNCTITANAECACRNG WQCRDKECTECDPLPNPSLTARSSQALSPHP QPThLPYVSEMLEAR TAGHMQTLA DFRQLPARTLSTHWPPQRS LCSSDFIRILVIFSGMFLVFTLAGALF LHQRRKYRSNKGESPVEPAEPCRYSCPREEEGSTIPIQEDYRKPEPACSPTRTRPL

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	EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction
Full Length	Full L.

GENE INFORMATION

Gene Name	CD27 CD27 molecule [Homo sapiens (human)]
Official Symbol	CD27
Synonyms	T14; S152; Tp55; TNFRSF7; S152. LPFS2
Gene ID	939
mRNA Refseq	NM_001242.5

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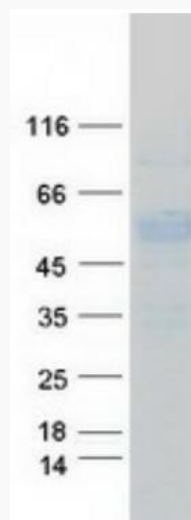
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Protein Refseq NP_001233.2

MIM 186711

UniProt ID P26842



Coomassie blue staining of purified CD27 protein.

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