

Recombinant Human CD27 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD27-6351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD27 MS Standard C13 and N15-labeled recombinant protein (NP_001233) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	29.2 kDa
AA Sequence	MARPHPWWLCVLGTLVGLSATPAPKSCPERHYWAQGKLCCQMCEPGTFLVKDCD QHRKAAQCDPCIPGVSFSPDHHTRPHCESCRHCNSGLLRNCTITANAECACRNG WQCRDKECTECDPLPNPSLTARSSQALSPHPQPTHLPYVSEMLEARAGHMQTLA DFRQLPARTLSTHWPPQRSCLSSDFIRILVIFSGMFLVFTLAGALFLHQRKRYRSNKG ESPVEPAEPCRYSCPREEEGSTIPIQEDYRKPEPACSPTRTRPLEQKLISEEDLAAND

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	ILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CD27 CD27 molecule [Homo sapiens (human)]
Official Symbol	CD27
Synonyms	CD27; CD27 molecule; TNFRSF7, tumor necrosis factor receptor superfamily, member 7; CD27 antigen; S152; Tp55; CD27L receptor; T cell activation antigen S152; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily, member 7; T14; TNFRSF7; MGC20393;
Gene ID	939
mRNA Refseq	NM_001242
Protein Refseq	NP_001233
MIM	186711

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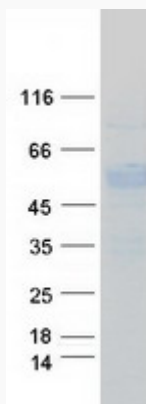
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UniProt ID

P26842

SDS-PAGE

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