

Product datasheet for **TP304252M**

CD27 (NM_001242) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD27 molecule (CD27), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204252 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MARPHPWWLCLVGLTLVGLSATPAPKSCPERHYWAQGKLCQMCPEGTFVLKDCDQHRKAAQCDPCIPGVS
FSPDHHTRPHCESCRHCNSGLLVNRNCTITANAECACRNGWQCRDKECTECDPLPNPSLTARSSQALSPHP
QPTHLPYVSEMLEARHTAGHMQLADFRQLPARTLSTHWPPQRSLCSSFIRILVIFSGMFLVFTLAGALF
LHQRKRYRSNKGESPVEPAEPCRYSCPREEEGSTIPIQEDYRKPEPACSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001233
Locus ID:	939
UniProt ID:	P26842



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RefSeq Size: 1320

Cytogenetics: 12p13.31

RefSeq ORF: 780

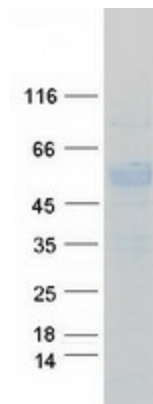
Synonyms: S152; S152. LPFS2; T14; TNFRSF7; Tp55

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified CD27 protein (Cat# [TP304252]). The protein was produced from HEK293T cells transfected with CD27 cDNA clone (Cat# [RC204252]) using MegaTran 2.0 (Cat# [TT210002]).