

Product datasheet for PH304252

CD27 (NM_001242) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD27 MS Standard C13 and N15-labeled recombinant protein (NP_001233)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204252
Predicted MW:	29.2 kDa
Protein Sequence:	>RC204252 protein sequence Red =Cloning site Green =Tags(s) MARPHPWWLCVLGTLVGLSATPAPKSCPERHYWAQGKLCQMCPEPGTFLVKDCDQHRKAAQCDCPCIPGVS FSPDHHTRPHCESCRHCNSGLLVRNCTITANAECACRNGWQCRDKECTECDPLPNPSLTARSSQALSPHP QPTHLPYVSEMLEARTAGHMQTLADFRQLPARTLSTHWPPQRSLCSDDFIRILVIFSGMFLVFTLAGALF LHQRKYRSNKGESPVPAEPCRYSCPREEEGSTIPIQEDYRKPEPACSP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001233
RefSeq Size:	1320
RefSeq ORF:	780
Synonyms:	S152; S152. LPFS2; T14; TNFRSF7; Tp55
Locus ID:	939
UniProt ID:	P26842



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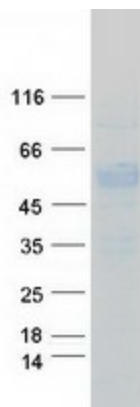
Cytogenetics: 12p13.31

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]).