

Product datasheet for TP312520L

CD83 (NM_001040280) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD83 molecule (CD83), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212520 protein sequence Red =Cloning site Green =Tags(s)
	MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRG QHYHQKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQDPDQQRNLSGKVLIRVTGCPAQRKEETFKK YRAEIVLLLALVIFYLTLIIFTCKFARLQSFIPDFSKAGMERAFLPVTSPNKHLLGLVTPHKTELV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22.7 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:	<u>NP_001035370</u>
Locus ID:	9308
UniProt ID:	<u>Q01151</u>
RefSeq Size:	2475



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Cytogenetics: 6p23

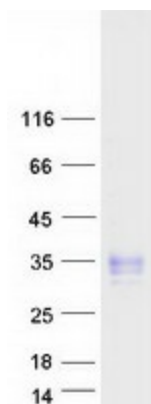
RefSeq ORF: 615

Synonyms: BL11; HB15

Summary: The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CD83 protein (Cat# [TP312520]). The protein was produced from HEK293T cells transfected with CD83 cDNA clone (Cat# [RC212520]) using MegaTran 2.0 (Cat# [TT210002]).