

## Product datasheet for **TP305302L**

### CD83 (NM\_004233) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human CD83 molecule (CD83), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205302 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRG  
QHYHQKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQDPDQQRNLSGKVLIRVTGCPAQRKEETFKK  
YRAEIVLLLALVIFYLTLIIFTCKFARLQSFDPDFSKAGMERAFLPVTSPNKHLLGLVTPHKTELV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.9 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\\_004224](#)

**Locus ID:** 9308

**UniProt ID:** [Q01151](#)

**RefSeq Size:** 2478



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Cytogenetics: 6p23

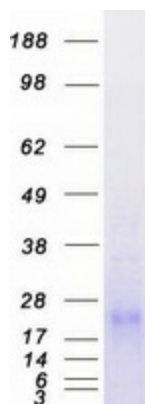
RefSeq ORF: 615

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# [TP305302]). The protein was produced from HEK293T cells transfected with CD83 cDNA clone (Cat# [RC205302]) using MegaTran 2.0 (Cat# [TT210002]).