

Product datasheet for **TP319458M**

CD272 (BTLA) (NM_181780) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human B and T lymphocyte associated (BTLA), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219458 representing NM_181780 Red =Cloning site Green =Tags(s)

MKTLPAMLGTGKLFWVFFLIPYLDIWNHIGKESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVT
WCKLNGTTCVKLEDRQTSWKKEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLVTDVKSAS
ERPSKDEMASRPWLLYSLLPLGGLPLLITTCFCLFCCLRRHQGKQNELSDTAGREINLVD AHLKSEQTEA
STRQNSQVLLSETGIYDNDPDLCFRMQEGSEVYSNPCLEENKPGIVYASLNHSVIGLNSRLARNVKEAPT
EYASICVRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.6 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_861445
Locus ID:	151888



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UniProt ID: [Q7Z6A9](#)

RefSeq Size: 1239

Cytogenetics: 3q13.2

RefSeq ORF: 867

Synonyms: BTLA1; CD272

Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified BTLA protein (Cat# [TP319458]). The protein was produced from HEK293T cells transfected with BTLA cDNA clone (Cat# [RC219458]) using MegaTran 2.0 (Cat# [TT210002]).