

Product datasheet for PH319458

CD272 (BTLA) (NM_181780) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BTLA MS Standard C13 and N15-labeled recombinant protein (NP_861445)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219458
Predicted MW:	32.6 kDa
Protein Sequence:	>RC219458 representing NM_181780 Red=Cloning site Green=Tags(s) MKTLPAMLGTKLFWVFFLIPYLDIWNHIGKESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVT WCKLNGTTCVKLEDRQTSWKEEKNI SFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLTYVTDVKSAS ERPSKDEMASRPWLLYSLLPLGGLPLLITTCFCLFCCLRRHQGKQNELSDTAGREINLVDHLKSEQTEA STRQNSQVLLSETGIYDNDPDLCFRMQEGSEVYSNPCLEENKPGIVYASLNHNSVIGLNSRLARNVKEAPT EYASICVRS 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_861445
RefSeq Size:	1239
RefSeq ORF:	867
Synonyms:	BTLA1; CD272
Locus ID:	151888



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UniProt ID: [Q7Z6A9](#)

Cytogenetics: 3q13.2

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]).