

Product datasheet for PH319458

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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:HumanExpression Host:HEK293

Expression cDNA Clone

e RC219458

or AA Sequence: Predicted MW:

32.6 kDa

Protein Sequence: >RC219458 representing NM_181780

Red=Cloning site Green=Tags(s)

MKTLPAMLGTGKLFWVFFLIPYLDIWNIHGKESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVT WCKLNGTTCVKLEDRQTSWKEEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLYVTDVKSAS ERPSKDEMASRPWLLYSLLPLGGLPLLITTCFCLFCCLRRHQGKQNELSDTAGREINLVDAHLKSEQTEA STRQNSQVLLSETGIYDNDPDLCFRMQEGSEVYSNPCLEENKPGIVYASLNHSVIGLNSRLARNVKEAPT

EYASICVRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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

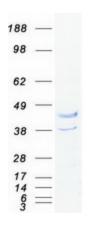
Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded protein

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]).