

Product datasheet for TP318201L

CD229 (LY9) (NM_002348) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lymphocyte antigen 9 (LY9), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218201 representing NM_002348 Red=Cloning site Green=Tags(s)

MVAPKSHDDWAPGPFSSKPQRSQQLQIFSSVLQTSLLFLLMGLRASGKDSAPTWSGILGGSVTLPLNIS
VDTEIENVIWIGPKNALAFARPKENVTIMVKSYLGRDLITKWSYSLCISNLTLNDAGSYKAQINQRNFEV
TTEEEFTLFVYEQLEPQVTMKSVKVSENFSCNITLMCSVKGAEKSVLYSWTPREPHASESNGGSILTVS
RTPCDPDLPICTAQNPVSRSSLPVHVQGCTDPGASRGGTTGETVGVGLGEPVTLPLALPACRDETEKV
VWLFNTSIIKEREAAATADPLIKSRDPYKNRVWVSSQDCSLKISQLKIEDAGPYHAYVCEASSVTSMT
HVTLLIYRRLRKPKITWLSLRHSEDGICRISLTCSVEDGGNTVMYTWPLQKEAVVSQGESHNLNVSWSSE
NHPNLTCTASNPVSRSSHQFLSENICSGPERNTKLWIGLFLMVCLLCVGFISWCWIKRKGRCVPAFCSS
QAEAPADTPEPTAGHTLYSVLSQGYEKLDTPLRPARQQPTPTSDDSSSDSNLTTTEDEDRPEVHKPISGRY
EVFDQVTQEGAGHDPAPGQADYDPVTPYVTEVESVWGENTMYAQVFNLQGKTPVSQKEESSATIYCSIR
KPQVPPPQNDLEIPESPTYENFT

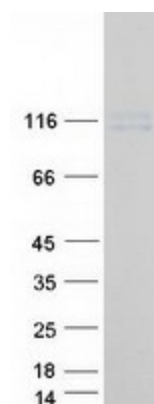
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	72 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.



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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_002339
Locus ID:	4063
UniProt ID:	Q9HBG7
RefSeq Size:	2486
Cytogenetics:	1q23.3
RefSeq ORF:	1965
Synonyms:	CD229; hly9; mLY9; SLAMF3
Summary:	LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM, Mar 2008]
Protein Families:	Transmembrane

Product images:

Coomassie blue staining of purified LY9 protein (Cat# [TP318201]). The protein was produced from HEK293T cells transfected with LY9 cDNA clone (Cat# [RC218201]) using MegaTran 2.0 (Cat# [TT210002]).