

## Product datasheet for PH318201

### CD229 (LY9) (NM\_002348) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	LY9 MS Standard C13 and N15-labeled recombinant protein (NP_002339)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218201
Predicted MW:	72 kDa
Protein Sequence:	>RC218201 representing NM_002348 Red=Cloning site Green=Tags(s)

MVAPKSHDWDWAPGPFSSKQSRSQLQIFSSVLQTSLLFLLMGLRASGKDSAPTVVSGILGGSVTLPLNIS  
VDTEIENVIWIGPKNALAFARPKENVTIMVKSYLGRDLITKWSYSLCISNLTNDAGSYKAQINQRNFEV  
TTEEEFTLFVYEQLQEPQVTMKSVMKSENFSCNITLMCSVKGAEKSVLYSWTPREPHASESNGGSILTVS  
RTPCDPDLPICTAQNVPVSRSSLPVHVQGQFCTDPGASRGGTTGETVVGVLGEPVTLPLALPACRDTEKV  
VWLFNTSIIISKEREEAATADPLIKSRDPYKNRVWVSSQDCSLKISQLKIEDAGPYHAYVCEASSVTSMT  
HVTLLIYRRLRKPKITWLSLRHSEDGICRISLTCSVEDGGNTVMYTWPLQKEAVVSQGESHLNVSWRSSE  
NHPNLTCTASNPVSRSSHQFLSENICSGPERNTKLWIGFLMVCLLCVGFISWCWIKRKGRCVPAFCSS  
QAEAPADTPEPTAGHTLYSVLSQGYEKLDTPLRPARQQPTPTSDSSSDSNLTTEEDEDREPEVHKPIISGRY  
EVFDQVTQEGAGHDPAGEQADYDPVTPYVTEVESVVGENTMYAQVFNLQGKTPVVSQKEESSATIYCSIR  
KPQVVPPPQQNDLEIPESPTYENFT

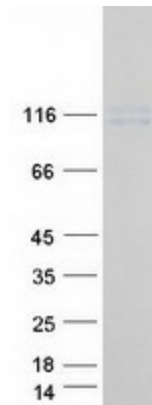
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u><a href="#">NP_002339</a></u>
RefSeq Size:	2486



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RefSeq ORF:	1965
Synonyms:	CD229; hly9; mLY9; SLAMF3
Locus ID:	4063
UniProt ID:	<a href="#">Q9HBG7</a>
Cytogenetics:	1q23.3
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]).