

Product datasheet for PH306609

CD72 (NM_001782) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD72 MS Standard C13 and N15-labeled recombinant protein (NP_001773)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206609
Predicted MW:	40.2 kDa
Protein Sequence:	>RC206609 protein sequence Red=Cloning site Green=Tags(s)
	MAEAITYADLRFVKAPLKKSISSRLGQDPGADDDGEITYENVQVPAVLGVPSSLASSVLGDKAAVKSEQP TASWRAVTSPAVGRILPCRTTCLRYLLGLLLTCLLLGVTAICLGVRYLQVSQQLQQTNRVLEVTNSSLR QQLRLKITQLGQSAEDLQGSRELAQSQEALQVEQRAHQAAEGQLQACQADRQKTKETLQSEEQRRALE QKLSNMENRLKPFFTCGSADTCCPSGWIMHQSCFYISLTSKNWQESQKQCETLSSKLATFSEIYPQSHS YYFLNSLLPNGGSGNSYWTGLSSNKDWKLTDDTQRTRTYAQSSKCNKVHKTWSWWTLESESCRSSLPYIC EMTAFRFPD
	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- 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_001773
RefSeq Size:	1548
RefSeq ORF:	1077
Synonyms:	CD72b; LYB2
Locus ID:	971



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UniProt ID:	<u>P21854, Q5TLG3</u>
Cytogenetics:	9p13.3
Summary:	Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function]
Protein Families:	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	B cell receptor signaling pathway

Product images:

Coomassie blue staining of purified CD72 protein (Cat# [TP306609]). The protein was produced from HEK293T cells transfected with CD72 cDNA clone (Cat# [RC206609]) using MegaTran 2.0 (Cat# [TT210002]).