

Product datasheet for PH306494

CD5 (NM_014207) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD5 MS Standard C13 and N15-labeled recombinant protein (NP_055022)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206494
Predicted MW:	54.6 kDa
Protein Sequence:	>RC206494 protein sequence Red=Cloning site Green=Tags(s)
	MPMGSLLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCQGLLEVYKDGWHMVCSSQSWGRSSKQ WEDPSQASKVCQRLNCGVPLSLGPFLVYTPQSSIIICYGQLGSFSNCSHRNDMCHSLGLTCLPQKTTTP PTTRPPPTTTPEPTAPPRLQLVAQSGGQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLCNLQCGSFL KHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLHCFRKIKPKQKSGRVLALLCSGFQPKVQSRLVG GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEVCREQQCGSVNSYRVLDAQDPTSRGLFCPHQKLSQC HELWERNYSYCKKVFVTCQDPNPAGLAAGTVASIIILVLLVLLVVCGLAYKKLVKKFRQKKRQWIGP TGMNQNMSEHRNHTATVRSCHAENPTASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSYDLH GAQRL
	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:	<u>NP_055022</u>
RefSeq Size:	3180
RefSeq ORF:	1485



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Synonyms: LEU1; T1

Locus ID: 921

UniProt ID: [P06127](#)

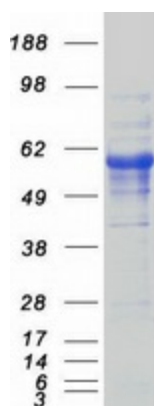
Cytogenetics: 11q12.2

Summary: This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2016]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Hematopoietic cell lineage

Product images:



Coomassie blue staining of purified CD5 protein (Cat# [TP306494]). The protein was produced from HEK293T cells transfected with CD5 cDNA clone (Cat# [RC206494]) using MegaTran 2.0 (Cat# [TT210002]).