Recombinant Human CD5 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CD5-401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD5 MS Standard C13 and N15-labeled recombinant protein (NP_055022) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	54.6 kDa
AA Sequence	MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCQGQLEVYLKDG WHMVCSQSWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLVTYTPQSSIICYGQ LGSFSNCSHSRNDMCHSLGLTCLEPQKTTPPTTRPPPTTTPEPTAPPRLQLVAQSG GQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLCNNLQCGSFLKHLPETEAGRAQ DPGEPREHQPLPIQWKIQNSSCTSLEHCFRKIKPQKSGRVLALLCSGFQPKVQSRLV

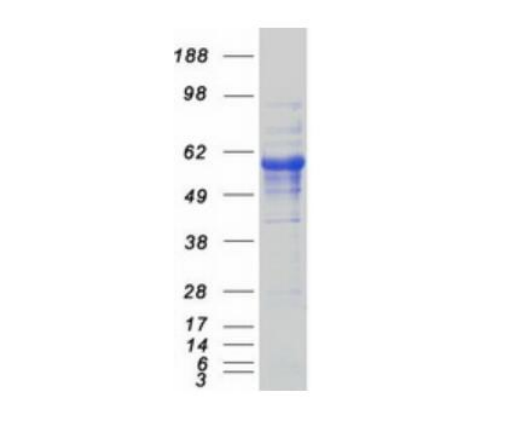
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	GGSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAG DPTSRGLFCPHQKLSQCHELWERNSYCKKVFVTCQDPNPAGLAAGTVASIILALVLL VVLLVVCGPLAYKKLVKKFRQKKQRQWIGPTGMNQNMSFHRNHTATVRSHAENPT ASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSDYDLHGAQRLTRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CD5 CD5 molecule [Homo sapiens (human)]
Official Symbol	CD5
Synonyms	CD5; CD5 molecule; CD5 antigen (p56 62), LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;
Gene ID	921
mRNA Refseq	NM_014207
Protein Refseq	NP_055022

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MIM	153340
UniProt ID	P06127
SDS-PAGE	

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