

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 LGSFSNCSHSRNDMCHSLGLTCLEPQKTTPTTRPPPTTTPEPTAPPRLQLVAQSG GQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLC>NNLQCGSFLKHLPEAGRAQ DPGEPREHQPLPIQWKIQNSSCTSLEHCFRKIKPKQSGRVLALLCSGFQPKVQSRLV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GGSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAG
 DPTSRGLFCPHQKLSQCHELWERN SYCKKVFTVCQDPNPAGLAAGTVASIILALVLL
 VVLLVVCPLAYKKLVKKFRQKKQRQWIGPTGMNQNM SFHRNHTATVRSHAENPT
 ASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSYDLHGAQRLTRTRP
 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

 Tel: 1-631-559-9269 1-516-512-3133

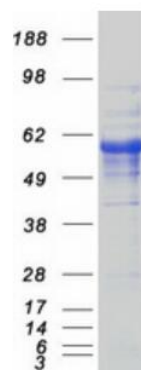
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 153340

UniProt ID P06127

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA