

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

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

## SPECIFICATION

<b>Product Overview</b>	CD5 MS Standard C13 and N15-labeled recombinant protein (NP_055022) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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]
<b>Molecular Mass</b>	54.6 kDa
<b>AA Sequence</b>	MPMGS LQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCGQLEVYLKDG WHMVC SQSWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICYGQ LGSF SNCSHSRNDMCHSLGLTCLPQKTTPTTRPPPTTTPEPTAPPRLQLVAQSG GQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLC>NNLQCGSFLKHLPETEAGRAQ DPGEPREHQPLPIQWKIQNSSCTSLEHCFR KIKPKQSGRVLALLCSGFQPKVQSRLV

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

GGSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAG  
 DPTSRGLFCPHQKLSQCHELWERNYSYCKKVFVTCQDPNPAGLAAGTVASIILALVLL  
 VVLLVVCPLAYKKLKLVKKFRQKKQRQWIGPTGMNQNMFSHRNHTATVRSHAENPT  
 ASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSSDSDYDLHGAQRLTRTRP  
 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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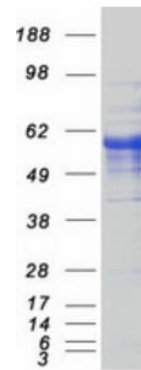
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**MIM** 153340

**UniProt ID** P06127

**SDS-PAGE**



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