

# Recombinant Full Length Human CD5 Protein, GST-tagged

**Cat. No.** CD5-2999HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CD5 full-length ORF (ABM83003.1, 1 a.a. - 495 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	495 amino acids
<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>	80.96 kDa
<b>AA Sequence</b>	MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCGQLEVYLKDG WHMVCSQSWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICYGQ LGSFSNCSHSRNDMCHSLGLTCLPQKTTPTTRPPPTTTPEPTAPPRLQLVAQSG GQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLCNNLQCGSFLKHLPETEAGRAQ DPGEPREHQPLPIQWKIQNSSCTSLEHCFRKIKPQKSGRVLALLCSGFQPKVQSRLV

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GGSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAG  
 DPTSRGLFCPHQKLSQCHELWERNYSYCKKVFVTCQDPNPAGLAAGTVASIILALVLL  
 VVLLVVCPLAYKKLKLVKKFRQKKQRQWIGPTGMNQNMFSHRNHTATVRSHAENPT  
 ASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSDYDLHGAQRL

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CD5 CD5 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD5
<b>Synonyms</b>	CD5; CD5 molecule; CD5 antigen (p56 62), LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;
<b>Gene ID</b>	921
<b>mRNA Refseq</b>	NM_014207
<b>Protein Refseq</b>	NP_055022
<b>MIM</b>	153340

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UniProt ID

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