

Recombinant Human CD5

Cat. No. CD5-26633TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD5 with N terminal proprietary tag; predicted MWt: 80.96 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	495 amino acids
Description	CD5 is a cluster of differentiation found on a subset of IgM-secreting B cells called B-1 cells, and also on T cells.
Molecular Weight	80.960kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRS NSKCQGQLEVYLKDG WHMVCSQSWGRSSKQWEDPSQASKV CQRLNCGVPLSLGPFLVTYTPQSSIICYG

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QLGSFSNCSHS RNDMCHSLGLTCLEPQKTTPTTRPPPTTTPEPTAPPRQLQ LVAQ
 SGGQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFL CNLQCGSFLKHLPETEAG
 RAQDPGEPREHQPLPIQWKIQ NSSCTSLEHCFRKKIPQKSGRVLALLCSGFQPKVQ
 SRLVG GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEVCREQQ CGSVNSYRV
 LDAGDPTSRGLFCPHQKLSQCHELWERNASYC KKVFTVCQDPNPAGLAAGTVASIIL
 ALVLLVLLVVCGPL AYKKLVKKFRQKKQRQWIGPTGMNQNMFSHRNHTATVRSH
 AENPTASHVDNEYSQPPRNSRLSAYPALEGLVHRSSMQPD NSSDSYDLHGAQRL

GENE INFORMATION

Gene Name	CD5 CD5 molecule [Homo sapiens]
Official Symbol	CD5
Synonyms	CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1;
Gene ID	921
mRNA Refseq	NM_014207
Protein Refseq	NP_055022
MIM	153340
Uniprot ID	P06127
Chromosome Location	11q13
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Hematopoietic cell

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lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

glycoprotein binding; protein binding; receptor activity; scavenger receptor activity; transmembrane signaling receptor activity;

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