

Product datasheet for TP306494

CD5 (NM_014207) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD5 molecule (CD5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206494 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCGQGLEVYLKDGWHMVCSQSWGRSSKQ WEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICYGQLGFSNCSHSRNDMCHSLGLTCLPQKTP PTTRPPPTTTPEPTAPPRLQLVAQSGGQHCAGWVEFYSGSLGGTISYEAQDKTQDLENFLCINNLCGSFL KHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLHCFRKIKPKKSGRVLALLCSGFQPKVQSRLVG GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAGDPTSRGLFCPHQKLSQC HELWERNSYCKKVFVTCQDPNPAGLAAGTVASIILALVLLVLLVCGPLAYKLVKKFRQKKQRQWIGP TGMNQNMFSHRNHTATVRSHAENPTASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSYDLH GAQRL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	54.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_055022](#)

Locus ID: 921

UniProt ID: [P06127](#)

RefSeq Size: 3180

Cytogenetics: 11q12.2

RefSeq ORF: 1485

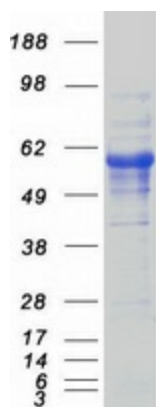
Synonyms: LEU1; T1

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Hematopoietic cell lineage

Product images:



Coomassie blue staining of purified CD5 protein (Cat# TP306494). The protein was produced from HEK293T cells transfected with CD5 cDNA clone (Cat# [RC206494]) using MegaTran 2.0 (Cat# [TT210002]).