

Product datasheet for **TP306494L**

CD5 (NM_014207) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human CD5 molecule (CD5), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC206494 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCGQGLEVYLKDGWHMVCSQSWGRSSKQ
WEDPSQASKVCQRLNCGVPLSLGPFLVITYTPQSSIICYGQLGFSNCSHSRNDMCHSLGLTCLPQKTP
PTTRPPPTTTPEPTAPPRLQLVAQSGGQHCAGWVEFYSGSLGGTISYEAQDKTQDLENFLCENNLCQGSFL
KHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLHCFRKIKPKKSGRVLALLCSGFQPKVQSRLVG
GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAKDPTSRGLFCPHQKLSQC
HELWERNYSYCKKVFVTCQDPNPAGLAAGTVASIILALVLLVLLVCGPLAYKLVKKFRQKKQRQWIGP
TGMNQNMFSHRNHTATVRSCHAENPTASHVDNEYSQPPRNSRLSAYPALEGLVLRSSMQPDNSSSDSDYDLH
GAQRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

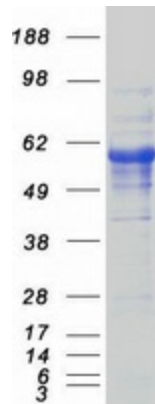
Synonyms: LEU1; T1

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]).