

## Product datasheet for TP306494M

### CD5 (NM\_014207) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CD5 molecule (CD5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206494 protein sequence Red=Cloning site Green=Tags(s)

MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSKCGQLEVVYKDGWHMVCSSQSWGRS  
SKQ  
WEDPSQASKVCQRLNCGVPLSLGPFVLYTPQSSIIQYQGLGFSFNCSHSRNDMCHSLGLTCLEPQKTTTP  
PTTRPPPTTPEPTAPPRLQLVAQSGGQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFLCENLQCGSFL  
KHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLHCFRKKIKPKQKSGRVLALLCSGFQPKVQSRLVG  
GSSICEGTVEVRQGAQWAALCDSSARSSLRWEEVCREQQCGSVNSYRVLDAGDPTSRGLFCPHQKLSQC  
HELWERNSYCKKVFVTCQDPNPAGLAAGTVASIIALVLLVLLVVCPLAYKKLVKKFRQKKQRQWIGP  
TGMNQNMFSHRNHTATVRSHAENPTASHVDNEYSQPPRNSRLSAYPALEGVLHRSSMQPDNSSDSY  
DLH  
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.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_055022](#)

**Locus ID:** 921

**UniProt ID:** [P06127](#)

**RefSeq Size:** 3180

**Cytogenetics:** 11q12.2

**RefSeq ORF:** 1485

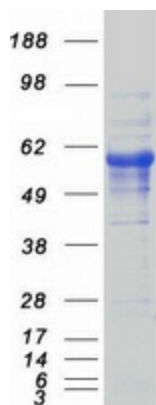
**Synonyms:** LEU1; T1

**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]).