

Product datasheet for **TP306609L**

CD72 (NM_001782) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human CD72 molecule (CD72), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC206609 protein sequence
Red=Cloning site **Green**=Tags(s)

MAEAITYADLRVFKAPLKKSISSRLGQDPGADDDGEITYENVQVPAVLGVPSSLASSVLGDKAAVKSEQP
TASWRAVTPAVGRILPCRTTCLRYLLLGLLLTCLLLGVTAILGVRYLQVSQLQQTNRVLEVTNSSLR
QQLRLKITQLGQSAEDLQGSRRRLAQSQEALQVEQRAHQAAEGQLQACQADRQKTKETLQSEEQRRRALE
QKLSNMENRLKPFFTCGSADTCCPSGWIMHQKSCFYISLTSKNWQESQKQCETLSSKLATFSEIYPQSHS
YYFLNSLLPNGGSGNSYWTGLSSNKDWKLTDDTQRTRTYAQSSKCNKVHKTWSWWTLESESCRSSLPYIC
EMTAFRFPD

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag: C-Myc/DDK
Predicted MW: 40 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.
RefSeq: [NP_001773](#)
Locus ID: 971



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|-------------------|--|
| UniProt ID: | P21854 , Q5TLG3 |
| RefSeq Size: | 1548 |
| Cytogenetics: | 9p13.3 |
| RefSeq ORF: | 1077 |
| Synonyms: | CD72b; LYB2 |
| Summary: | Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transmembrane |
| Protein Pathways: | B cell receptor signaling pathway |

Product images:



Coomassie blue staining of purified CD72 protein (Cat# [TP306609]). The protein was produced from HEK293T cells transfected with CD72 cDNA clone (Cat# [RC206609]) using MegaTran 2.0 (Cat# [TT210002]).