

Product datasheet for **TP313867M**

CLNK (NM_052964) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human cytokine-dependent hematopoietic cell linker (CLNK), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213867 representing NM_052964 Red =Cloning site Green =Tags(s) |

MNRQGNRKTTEKGSNDLKFQNFSLPKNRSWPRINSATGQYQRMNKPLLDWERNFAAVLDGAKGHSDD
DYD
DPELRMEETWQSIKILPARPIKESYADTHYFKVAMDTPLPLDTRTSISIGQPTWNTQTRLERVDKPIK
DVRSONIKGDASVRKNKIPLPPRPLITLPKKYQPLPPESSRPLSQRHTFPEVQRMPSQISLRDLSE
VLEAEKVPHNQRKPESTHLENQNTQEIPLAISSSSFTTSNHSVQNRDHRGGMQPCSPQRCQPPASCSP
H
ENILPYKYTSWRPPFPKRSDRKDVQHNEWYIGEYSRQAVEEAFMKENKDGSLVRDCSTKSKEEPYVLAV
FYENKVYNVKIRFLERNQQFALGTGLRGDEKFDSEVIEIHYKNFPIILIDGDKDTGVHRKQCHLTQPLP
LTRHLLPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

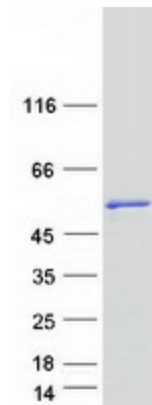
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|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 49.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 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_443196 |
| Locus ID: | 116449 |
| UniProt ID: | Q7Z7G1 |
| RefSeq Size: | 1814 |
| Cytogenetics: | 4p16.1 |
| RefSeq ORF: | 1284 |
| Synonyms: | MIST |
| Summary: | MIST is a member of the SLP76 family of adaptors (see LCP2, MIM 601603; BLNK, MIM 604515). MIST plays a role in the regulation of immunoreceptor signaling, including PLC-gamma (PLCG1; MIM 172420)-mediated B cell antigen receptor (BCR) signaling and FC-epsilon R1 (see FCER1A, MIM 147140)-mediated mast cell degranulation (Cao et al., 1999 [PubMed 10562326]; Goitsuka et al., 2000, 2001 [PubMed 10744659] [PubMed 11463797]).[supplied by OMIM, Mar 2008] |

Product images:



Coomassie blue staining of purified CLNK protein (Cat# [TP313867]). The protein was produced from HEK293T cells transfected with CLNK cDNA clone (Cat# [RC213867]) using MegaTran 2.0 (Cat# [TT210002]).