

Product datasheet for PH313867

CLNK (NM_052964) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CLNK MS Standard C13 and N15-labeled recombinant protein (NP_443196)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213867
Predicted MW:	49.4 kDa
Protein Sequence:	>RC213867 representing NM_052964 Red =Cloning site Green =Tags(s)

MNRQGNRKTTEKGSNDLKFQNFSLPKNRSWPRINSATGQYQRMNKPLLDWERNFAAVLDGAKGHSDDDDYD
 DPELRMEETWQSIKILPARPIKESEYADTHYFKVAMDTPLPLDTRTSISIGQPTWNTQTRLERVDKPIISK
 DVRSQNIKGDASVRKNKIPLPPRPLITLPKKYQPLPPEPESSRPPLSQRHTFPEVQRMPSQISLRDLSE
 VLEAEKVPHNQKPESTHLLNQNTQEIPLAIISSSFTTSNHSVQNRDHRGGMQPCSPQRCQPPASCSPH
 ENILPYKYTSWRPPFPKRSDRKDVQHNEWYIGEYSRQAVEEAFMKENKDGSLVRDCSTKSKEEPPYVLAV
 FYENKVYNVKIRFLERNQQFALGTGLRGDEKFDSEVDIIIEHYKNFPIILIDGDKGTGVHRKQCHLTQPLP
 LTRHLLPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_443196</u>
RefSeq Size:	1814
RefSeq ORF:	1284
Synonyms:	MIST


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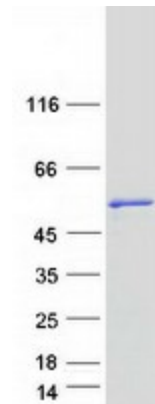
Locus ID: 116449

UniProt ID: [Q7Z7G1](#)

Cytogenetics: 4p16.1

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]).