

## Product datasheet for **TP309287L**

### MEAK7 (TLDC1) (NM\_020947) Human Recombinant Protein

#### Product data:

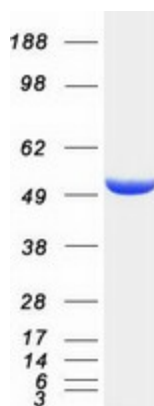
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human KIAA1609 (KIAA1609), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209287 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGNSRSRVGRSFCQFLPEEQAEIDQLFDALSSDKNSPNVSSKSFSLKALQNHVGEALPPEMVTRLYDGM RRVDLTGKAKGPESENVSQEFTASMSHLLKGNSEEKSLMIMKMISATEGPVKAREVQKFTEDLVGSSVHV LSHRQELRGWTGKEAPGPNPRVQVLAQQLSDMKLQDGKRLGQPWLDYDCDRAVIEDWVFRVPHVAIFL SVVICKGLVLCCSLDLTTLVPERQVDQGRGFESILDVLSVMYINAQLPREQRHRWLLFSSELHGHSFS QLCGHITHRGPCVAVLEDHDKHVFGGFASCSWEVKPQFQGDNRCLFSICPSMAVYTHGTGYNDHYMYLNH GQQTIPNGLGMGGQHNYFGLWVDVDFGKGHSAKPTCTTYNSPQLSAQENFQFDKMEVWAVGDPSEEQLA KGNKSILDADPEAQALLEISGHSRHSSEGLREVPDDE</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	50.8 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:	<a href="#">NP_065998</a>



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Locus ID:	57707
UniProt ID:	<a href="#">Q6P9B6</a> , <a href="#">A8K5C2</a>
RefSeq Size:	5031
Cytogenetics:	16q24.1
RefSeq ORF:	1368
Synonyms:	KIAA1609; mEAK-7; TLDC1
Summary:	Activates an alternative mTOR signaling through RPS6KB2 activation and EIF4EBP1 repression to regulate cell proliferation and migration (PubMed:29750193). Recruits MTOR at the lysosome, essential for MTOR signaling at the lysosome (PubMed:29750193).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified MEAK7 protein (Cat# [TP309287]). The protein was produced from HEK293T cells transfected with MEAK7 cDNA clone (Cat# [RC209287]) using MegaTran 2.0 (Cat# [TT210002]).