

Product datasheet for TP313245

MEMO1 (NM_015955) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mediator of cell motility 1 (MEMO1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213245 protein sequence Red =Cloning site Green =Tags(s)
	 MSNRVVCREASHAGSWYTASGPQLNAQLEGWLSQVQSTKRPARAIIAPHAGYTYCGSCAAHAYKQVDPSI TRRIFILGPSHHVPLSRCALSSVDIYRTPLYDLRIDQKIYGELWKTGMFERMSLQTDDEHSIEMHLPYT AKAMESHKDEFTIIPVLVGALSESKEQEFGKLFISKYLADPSNLFVSSDFCHWGQRFRRYSYYDESQGEIY RSIEHLDKMGMSIIEQLDPVSFSNYLKKYHNTICGRHPIGVLLNAITELQKNGMNMFSFLNYAQSSQCR NWQDSSVSYAAGALTVH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.6 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_057039
Locus ID:	51072



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UniProt ID: [Q9Y316](#)

RefSeq Size: 1878

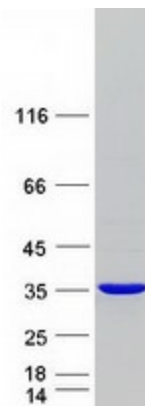
Cytogenetics: 2p22.3

RefSeq ORF: 891

Synonyms: C2orf4; CGI-27; MEMO; NS5ATP7

Summary: May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization. Is required for breast carcinoma cell migration.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MEMO1 protein (Cat# TP313245). The protein was produced from HEK293T cells transfected with MEMO1 cDNA clone (Cat# [RC213245]) using MegaTran 2.0 (Cat# [TT210002]).