

Product datasheet for TP301052L

CEP55 (NM_018131) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human centrosomal protein 55kDa (CEP55), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201052 protein sequence Red =Cloning site Green =Tags(s)

MSSRSTKDLIKSKWGSKPSNSKSETTLEKLKGEIAHLKTSVDEITSGKGKLTDKERHRLLLEKIRVLEAEK
EKNAYQLTEKDKEIQRLRDQLKARYSTTALLEQLEETTREGERRREQVLKALSEEKDVLKQQLSAATSRIA
ELESKTNTLRLSQTVAPNCFNSSINNIHEMEIQLKDALEKNQQLVYDQQREVVYKGLLAKIFELEKKTE
TAAHSLPQQTKKPESEGYLQEEKQKCYNDLLASAKKDLEVERQTITQLSFELSEFRRYEETQKEVHNLN
QLLYSQRRADVQHLEDDRHKTEKIQLKREENDIARGKLEEEKKRSEELLSQVQFLYTSLLKQQEEQTRVA
LLEQQMQACTLDFENEKLDROHVQHQLLVILKELRKARNQITQLESKQLHEFAITEPLVTFQGETENRE
KVAASPKSPTAALNESLVECPKCNIQYPATEHRDLLVHVEYCSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

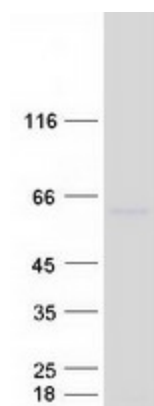
Tag:	C-Myc/DDK
Predicted MW:	54 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_060601</u>



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Locus ID:	55165
UniProt ID:	Q53EZ4
RefSeq Size:	2656
Cytogenetics:	10q23.33
RefSeq ORF:	1392
Synonyms:	C10orf3; CT111; MARCH; URCC6
Summary:	Plays a role in mitotic exit and cytokinesis (PubMed:16198290, PubMed:17853893). Recruits PDCD6IP and TSG101 to midbody during cytokinesis. Required for successful completion of cytokinesis (PubMed:17853893). Not required for microtubule nucleation (PubMed:16198290). Plays a role in the development of the brain and kidney (PubMed:28264986). [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified CEP55 protein (Cat# [TP301052]). The protein was produced from HEK293T cells transfected with CEP55 cDNA clone (Cat# [RC201052]) using MegaTran 2.0 (Cat# [TT210002]).