

## Product datasheet for TP319273

### MEST (NM\_177525) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mesoderm specific transcript homolog (mouse) (MEST), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219273 representing NM_177525 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MREWWWVQVGLLAVPLLAAYLHIPPQLSPALHSWKSSGKFFTYKGLRIFYQDSVGVVGSPEIVLLHGFP TSSYDWYKIWEGLTLRFHRVIALDFLGFSDKPRPHYSIFEQASIVEALLRHLGLQNRINLLSHDYG DIVAQELLYRYKQNRSGRLTIKSLCLSNGGIFPETHRPLLLQKLLKDGGVLSPIRLMNFVFSRGLTP VFGPYTRPSESELWDMWAGIRNNDGNLVIDSLLQYINQRKKFRRRWV GALASVTIPIHFIYGPLDPVNPY PEFLELYRKTLPSTVSILDDHISHYPQLEDPMGFLNAYMGFINSF
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	37.4 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.
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_803491</a>
Locus ID:	4232



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UniProt ID: [Q5EB52](#), [A4D1L9](#)

RefSeq Size: 2419

Cytogenetics: 7q32.2

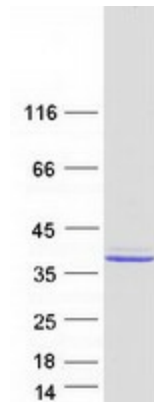
RefSeq ORF: 978

Synonyms: PEG1

**Summary:** This gene encodes a member of the alpha/beta hydrolase superfamily. It is imprinted, exhibiting preferential expression from the paternal allele in fetal tissues, and isoform-specific imprinting in lymphocytes. The loss of imprinting of this gene has been linked to certain types of cancer and may be due to promotor switching. The encoded protein may play a role in development. Alternatively spliced transcript variants encoding multiple isoforms have been identified for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3 and 4, and the long arm of chromosomes 6 and 15. [provided by RefSeq, Dec 2011]

**Protein Families:** Protease, Transmembrane

### Product images:



Coomassie blue staining of purified MEST protein (Cat# TP319273). The protein was produced from HEK293T cells transfected with MEST cDNA clone (Cat# [RC219273]) using MegaTran 2.0 (Cat# [TT210002]).