

Product datasheet for **TP762067**

MEST (NM_002402) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human mesoderm specific transcript homolog (mouse) (MEST), transcript variant 1, Tyr83-Val266, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Tyr83-Val266) of MEST
Tag:	N-His
Predicted MW:	21.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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_002393
Locus ID:	4232
UniProt ID:	Q5EB52 , A0A024R768
RefSeq Size:	2513
Cytogenetics:	7q32.2
RefSeq ORF:	1005
Synonyms:	PEG1



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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: