

Product datasheet for **TP762538**

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, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of MEST
Tag:	N-GST and C-HIS
Predicted MW:	38.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products 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



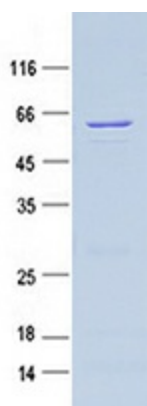
[View online »](#)

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 #TP762538). The protein was produced from E.coli.