

Recombinant Full Length Human MEST Protein, GST-tagged

Cat. No. MEST-6145HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MEST full-length ORF (NP_002393.2, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	335 amino acids
Description	This gene encodes a member of the [alpha]/[beta] hydrolase fold family and has isoform specific imprinting. 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. Three transcript variants encoding two distinct isoforms have been identified for this gene. A pseudogene for this locus is located on chromosome 6. [provided by RefSeq
Molecular Mass	65.2 kDa
AA Sequence	MVRRDRLRRMREWWVQVGLLAVPLLAAYLHIPPPQLSPALHSWKSSGKFFTYKGL RIFYQDSVGVVGSPEIVVLLHGFPTSSYDWYKIWEGLTLRFHRVIALDFLGFGFSDKP RPHHYSIFEQASIVEALLRHLGLQNRRLNLLSHDYGDIVAQELLYRYKQNRSGRLTIKS LCLSNGGIFPETHRPLLLQKLLKDGGVLSPILTRLMNFFVFSRGLTPVFGPYTRPSES ELWDMWAGIRNNDGNLVIDSLLQYINQRKKFRRRWVGALASVTIPIHFIYGPLDPVNP YPEFLELYRKTLPSTVSILDDHISHYPQLEDPMGFLNAYMGFINSF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MEST mesoderm specific transcript [Homo sapiens (human)]
Official Symbol	MEST
Synonyms	MEST; mesoderm specific transcript; mesoderm-specific transcript homolog protein; paternally-expressed gene 1 protein
Gene ID	https://www.ncbi.nlm.nih.gov/gene/?term=4232
mRNA Refseq	NM_001253900
Protein Refseq	NP_001240829
MIM	601029
UniProt ID	Q5EB52

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