

## Product datasheet for **TP524243**

### Mesp1 (NM\_008588) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mesoderm posterior 1 (Mesp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224243 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAQPLCEPRSESWILSPAGRQPPMPDGNVCS PAWSSDPWDGAQASSPAPPCARPARRAGTPGRRGTHG SRLGSGQRQSASEREKLRMRTLARALHELRRFLPPSVAPTGQNLTKIETLRLAIRYIGHLSAVLGLSEDN LRRQRHAVSPRGCLCPDSDLAQSQSLGPRLSPA VCSGVSWGSPPAYPRPRVAAESWDPSFLYAETASQE RQEMEPS PSSLFSSDMLALLETWTPPQEWPPA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	26.4 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
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 after receiving vials.
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_032614</a>
Locus ID:	17292
UniProt ID:	<a href="#">P97309</a>
RefSeq Size:	1098



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**Cytogenetics:** 7 45.16 cM

**RefSeq ORF:** 732

**Synonyms:** bHLHc5

**Summary:** Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways.[UniProtKB/Swiss-Prot Function]