

# Recombinant Full Length Human MESP1 Protein, GST-tagged

Cat. No. MESP1-6143HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MESP1 full-length ORF ( ABZ92404.1, 1 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	268 amino acids
<b>Description</b>	MESP1 (Mesoderm Posterior BHLH Transcription Factor 1) is a Protein Coding gene. Diseases associated with MESP1 include Tricuspid Atresia. Among its related pathways are Cardiac Progenitor Differentiation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and protein dimerization activity. An important paralog of this gene is MESP2.
<b>Molecular Mass</b>	29.5 kDa
<b>AA Sequence</b>	MAQPLCPPLSESWMLSAAWGPTRRPPPSDKDCGRSLVSSPDSWGSTPADSPVAS PARPGTLRDPRAPSVGRRGARSSRLGSGQRQSASEREKLRMRTLARALHELRRFL PPSVAPAGQSLTKIETLRLAIRYIGHLSAVLGLSEESLQRRRCRQRGDAGSPRGCP PDDCPAQMQTRTQAEQGQGRGLGLVSAVRAGASWGSPACPGARAPEPRDP PALFAEAACPEGQAMEPSPSPLLPGDVLALLETWMPLEWLPEEPK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MESP1 mesoderm posterior 1 homolog (mouse) [ Homo sapiens ]
<b>Official Symbol</b>	MESP1
<b>Synonyms</b>	MESP1; mesoderm posterior 1 homolog (mouse); mesoderm posterior protein 1; bHLHc5; MGC10676; class C basic helix-loop-helix protein 5;
<b>Gene ID</b>	55897
<b>mRNA Refseq</b>	NM_018670
<b>Protein Refseq</b>	NP_061140
<b>MIM</b>	608689
<b>UniProt ID</b>	Q9BRJ9

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