

Recombinant Human MESP1 Protein, GST-tagged

Cat. No. MESP1-4433H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human MESP1 full-length ORF (ABZ92404.1, 1 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | 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. |
| Molecular Mass | 29.5 kDa |
| AA Sequence | MAQPLCPPLSESWMLSAAWGPTRRPPPSDKDCGRSLVSSPDSWGSTPADSPVAS PARPGTLRDPRAPSVGRRGARSSRLGSGQRQSASEREKLRMRTLARALHELRRFL PPSVAPAGQSLTKIETLRLAIRYIGHLSAVLGLSEESLQRRRCRQRGDAGSPRGCP PDDCPAQMQTRTQAEQGQGRGLGLVSAVRAGASWGSPACPGARAAPEPRDP PALFAEAACPEGQAMEPSPSPPLLPGDVLALLETWMPPLSLEWLPEEPK |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| 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

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|------------------------|--|
| Gene Name | MESP1 mesoderm posterior 1 homolog (mouse) [Homo sapiens] |
| Official Symbol | MESP1 |
| Synonyms | MESP1; mesoderm posterior 1 homolog (mouse); mesoderm posterior protein 1; bHLHc5; MGC10676; class C basic helix-loop-helix protein 5; |
| Gene ID | 55897 |
| mRNA Refseq | NM_018670 |
| Protein Refseq | NP_061140 |
| MIM | 608689 |
| UniProt ID | Q9BRJ9 |

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