

Recombinant Full Length Human GPBP1 Protein, GST-tagged

Cat. No. GPBP1-5500HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human GPBP1 full-length ORF (AAH00267.1, 1 a.a. - 181 a.a.) recombinant protein with GST tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 181 amino acids |
| Description | <p>This gene was originally isolated by subtractive hybridization of cDNAs expressed in atherosclerotic plaques with a thrombus, and was found to be expressed only in vascular smooth muscle cells. However, a shorter splice variant was found to be more ubiquitously expressed. This protein is suggested to play a role in the development of atherosclerosis. Studies in mice suggest that it may also function as a GC-rich promoter-specific trans-activating transcription factor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]</p> |
| Molecular Mass | 47.2 kDa |
| AA Sequence | <p>MRTDKKSEFLKALKRDRVEEEHEDES RAGSEKDDDSFNLHNSNSTHQERDINRNF ENEIPQENGNASVISQQIIRSSTFPQTDVLSSSLEAEHRLKEMGWQEDSENDETCA PLTEDEMREFQVISEQLQKNGLRKNGILKNGLICDFKFGPWKNSTFKPTTENDDTET SSSDTSDDDDV</p> |

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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

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| Gene Name | GPBP1 GC-rich promoter binding protein 1 [Homo sapiens] |
| Official Symbol | GPBP1 |
| Synonyms | GPBP1; GC-rich promoter binding protein 1; vasculin; DKFZp761C169; vascular wall-linked protein; GPBP; SSH6; VASCULIN; MGC126339; |
| Gene ID | 65056 |
| mRNA Refseq | NM_001127235 |
| Protein Refseq | NP_001120707 |
| MIM | 608412 |
| UniProt ID | Q86WP2 |

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