

Recombinant Full Length Human GPBP1 Protein, GST-tagged

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

SPECIFICATION

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	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]
Molecular Mass	47.2 kDa
AA Sequence	MRTDKKSEFLKALKRDRVEEEHEDES RAGSEKDDDSFNLHNSNSTHQERDINRNFD ENEIPQENGNASVISQQIIRSSTFPQTDVLSSSLEAEHRLKEMGWQEDSENDETCA PLTEDEMREFQVISEQLQKNGLRKNGILKNGLICDFKFGPWKNSTFKPTTENDDTET SSSDTSDDDDV

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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	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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