

## Product datasheet for TP322826L

### GPBP1 (NM\_022913) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GC-rich promoter binding protein 1 (GPBP1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222826 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAQHDFAPAWLNFPTPPSSTKSSLNFEKHSENAWNTENRYDVNRRRHNSSDGFDSAIGRPNGGNFGRKEK  
NGWRTHGRNGTENINHRGGYHGGSSRSRSSFHAGKSQGLHENNIPDNETGRKEDKREKQFEAEDFPSL  
NPEYEREPNHNKSLAAGVWEYPPNPKSRAPRMLVIKKGNTKDLQLSGFPVGNLPSQPVKNGTGPSVYKG  
LVPKPAAPPTKPTQWKSQTKENKVGTSFPHSTFGVGNFNAFKSTAKNFSPSTNSVKECNRSNSSSPVDK  
LNQQPRLTKLTRMRTDKKSEFLKALKRDRVEEEHEDES RAGSEKDDDSFNLHNSNSTHQERDINRNF DEN  
EIPQENGNASVISQIIRSSTFPQTDVLSLSLEAEHRLKEMGWQEDSENDET CAPLTEDEMREFQVISE  
QLQKNGLRKNGILKNGLICDFKFGPWKNSTFKPTTENDDETSSSDTSDDDDDV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	53.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_075064](#)

Locus ID: 65056

UniProt ID: [Q86WP2](#)

RefSeq Size: 4633

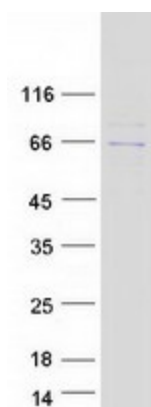
Cytogenetics: 5q11.2

RefSeq ORF: 1419

Synonyms: GPBP; SSH6; VASCULIN

**Summary:** 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]

### Product images:



Coomassie blue staining of purified GPBP1 protein (Cat# [TP322826]). The protein was produced from HEK293T cells transfected with GPBP1 cDNA clone (Cat# [RC222826]) using MegaTran 2.0 (Cat# [TT210002]).