

# Recombinant Human GPBP1L1, GST-tagged

**Cat. No.** GPBP1L1-13411H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Recombinant Human GPBP1L1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-474a.a.                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This locus encodes a guanine nucleotide-binding protein. The encoded protein, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation. A related pseudogene exists on chromosome 2. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                    |

## GENE INFORMATION

|                  |                                                                    |
|------------------|--------------------------------------------------------------------|
| <b>Gene Name</b> | GPBP1L1 GC-rich promoter binding protein 1-like 1 [ Homo sapiens ] |
|------------------|--------------------------------------------------------------------|

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                            |                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | GPBP1L1                                                                                                                                                            |
| <b>Synonyms</b>            | GC-rich promoter binding protein 1-like 1; 28843; Ensembl:ENSG00000159592; vasculin-like protein 1; GC-rich promoter-binding protein 1-like 1; SP192; RP11-767N6.1 |
| <b>Gene ID</b>             | 60313                                                                                                                                                              |
| <b>mRNA Refseq</b>         | NM_021639.4                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_067652.1                                                                                                                                                        |
| <b>UniProt ID</b>          | Q9HC44                                                                                                                                                             |
| <b>Chromosome Location</b> | 1p34.1                                                                                                                                                             |
| <b>Function</b>            | DNA binding;                                                                                                                                                       |

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