

Recombinant Human ITGA2B Protein, GST-tagged

Cat. No. ITGA2B-4999H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Human ITGA2B partial ORF (NP_000410.2, 504 a.a. - 602 a.a.) recombinant protein with GST tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| ProteinLength | 504-602 a.a. |
| Description | ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling. [provided by RefSeq] |
| Molecular Mass | 36.63 kDa |
| AA Sequence | CVLPQTKTPVSCFNMQMVGATGHNIPQKLSLNAELQLDRQKPRQGRRVLLLGSQQ AGTTLNLDLGGKHSPICHTTMAFLRDEADFRDKLSPIVLSLNV |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production |

 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

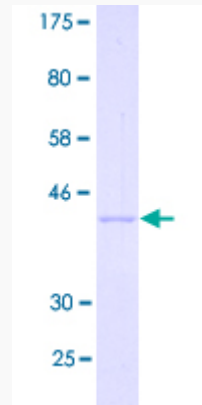
| | |
|-------------------------|--|
| | Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION | |
| Gene Name | ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [Homo sapiens] |
| Official Symbol | ITGA2B |
| Synonyms | ITGA2B; integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41); GP2B, integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41B); integrin alpha-IIb; CD41; CD41B; GPalpha IIb; platelet-specific antigen BAK; platelet membrane glycoprotein IIb; platelet fibrinogen receptor, alpha subunit; GT; GTA; GP2B; HPA3; GPIIb; BDPLT2; |
| Gene ID | 3674 |
| mRNA Refseq | NM_000419 |
| Protein Refseq | NP_000410 |
| MIM | 607759 |
| UniProt ID | P08514 |

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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