

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	CVLPQTKTPVSCFNIQMCVGATGHNIPQKLSLNAELQLDRQKPRQGRRVLLLGSQQ AGTTLNLDLGGKHSPICHTTMAFLRDEADFRDKLSPIVLSLNV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 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

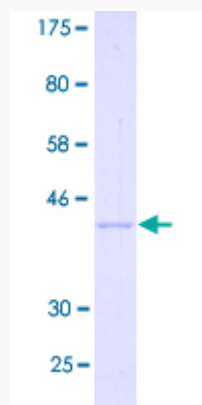
Gene Name	ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [Homo sapiens]
Official Symbol	ITGA2B
Synonyms	ITGA2B; integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41); GP2B, integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, 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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