



# Recombinant Human Integrin alpha-IIb (ITGA2B), partial

<b>Product Code</b>	CSB-BP011865HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08514
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	CVPQLQLTASVTGSPLLVGADNVLELQMDAANEGEGAYEAELAVHLPQGAHY MRALSNVEGFERLICNQKKENETRVLCELGNPMKKNAQIGIAMLVSVGNLEE AGESVSFQLQIRSKNSQNPNSKIVLLDVPVRAEAQVELRGNSFPASLVVAAEE GEREQNSLDSWGPKEHTYELHNNPGTVNGLHLSIHLPGQSQPSDLLYILDI QPQGGGLQCFPPVNPPLKVDWGLPIPSPIHPAHHKR
<b>Source</b>	Baculovirus
<b>Target Names</b>	ITGA2B
<b>Protein Names</b>	Recommended name: Integrin alpha-IIb Alternative name(s): GPalpha IIb Short name= GPIIb Platelet membrane glycoprotein IIb CD_antigen= CD41 Cleaved into the following 3 chains: 1. Integrin alpha-IIb heavy chain 2. Integri
<b>Expression Region</b>	639-887aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



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