



Recombinant Human Integrin alpha-IIb (ITGA2B), partial

Product Code	CSB-EP011865HU-B
Storage	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.
Uniprot No.	P08514
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	CVPQLQLTASVTGSPLLVGADNVLELQMDAANEGEGAYEAELAVHLPQGAHY MRALSNVEGFERLICNQQKENETRVVLCCELGNPMKKNAQIGIAMLVSVGNLEE AGESVSFQLQIRSKNSQNPNSKIVLLDVPVRAEAQVELRGNSFPASLVVAAEE GEREQNSLDSWGPKEHTYELHNNPGT VNGLHLSIHLPGQSQPSDLLYILDI QPQGGGLQCFFQPPVNPVKVDWGLPIPSPIHPAHHKR
Source	E.coli
Target Names	ITGA2B
Protein Names	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
Expression Region	639-887aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	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.
Reconstitution	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.



Shelf Life

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