



Recombinant Human Integrin alpha-IIb (ITGA2B), partial

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| Product Code | CSB-MP011865HU |
| 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 MRALSNVEGFERLICNQKKENETRVLCELGNPMKKNAQIGIAMLVSVGNLEE AGESVSFQLQIRSKNSQNPNSKIVLLDVPVRAEAQVELRGNSFPASLVVAAEE GEREQNSLDSWGPKEHTYELHNNPGTVNGLHLSIHLPGQSQPSDLLYILDI QPQGGGLQCFPPVNPVKVDWGLPIPSPIHPAHHKR |
| Source | Mammalian cell |
| 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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