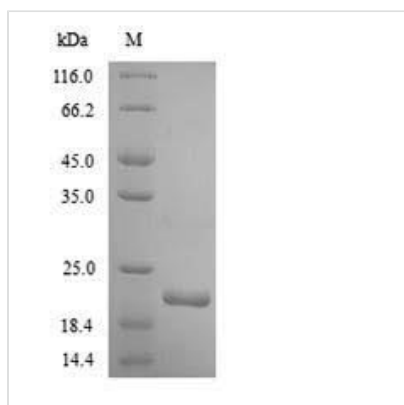




Recombinant Human Integrin alpha-2 (ITGA2), partial

Product Code	CSB-YP011864HU
Relevance	Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized Extracellular domain matrix.
Abbreviation	Recombinant Human ITGA2 protein, partial
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.	P17301
Alias	CD49 antigen-like family member B Collagen receptor Platelet membrane glycoprotein Ia Short name: GPIa VLA-2 subunit alpha CD_antigen: CD49b
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	WDAVKNFLEKFVQGLDIGPTKTQVGLIQYANNPRVVFNLNTYKTKEEMIVATS QTSQYGGDLTNTFGAIQYARKYAYSAAASGGRRSATKVMVVVTDGESHGSM LKAVIDQCNHDNILRFGIAVLGYLNRNALDTKNLIKEIKAIASIPTEYFFNVSDEA ALLEKAGTLGEQIFSIE
Research Area	Signal Transduction
Source	Yeast
Target Names	ITGA2
Protein Names	Recommended name: Integrin alpha-2 Alternative name(s): CD49 antigen-like family member B Collagen receptor Platelet membrane glycoprotein Ia Short name= GPIa VLA-2 subunit alpha CD_antigen= CD49b
Expression Region	188-365aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	21.6kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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