

Integrin alpha-2 Recombinant Protein | ITGA2 recombinant protein

Recombinant Human Integrin alpha-2

CATALOG # AAA113804	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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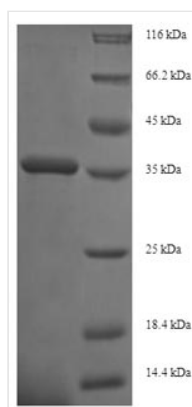
PRODUCT SYNONYMS

Integrin alpha-2; Recombinant Human Integrin alpha-2; CD49 antigen-like family member B Collagen receptor; Platelet membrane glycoprotein Ia; GPIa; VLA-2 subunit alpha; CD_antigen: CD49b; ITGA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	188-365aa; Partial(VWFA Domain)
Sequence	WDAVKNFLEK FVQGLDIGPT KTQVGLIQYA NNPRVFNLN TYKTKHEMIV ATSQTSQYGG DLTNTFGAIQ YARKYAYSAA SGGRRSATKV MVVVTDGESH DGSMLKAVID QCNHDNILRF GIAVLGYLNR NALDTKNLIK EIKAIASIPT ERYFFNVSDE AALLEKAGTL GEQIFSIE
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ITGA2 recombinant protein	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 matrix.
Product Categories/Family for ITGA2 recombinant protein	Signal Transduction

References	"The primary structure of the VLA-2/collagen receptor alpha 2 subunit (platelet GPIa): homology to other integrins and the presence of a possible collagen-binding domain." Takada Y., Hemler M.E. J. Cell Biol. 109:397-407(1989)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116295258
NCBI GeneID	3673
NCBI Accession #	NP_002194.2
NCBI GenBank Nucleotide #	NM_002203.3
UniProt Accession #	P17301; Q14595
Molecular Weight	21.6 kDa
NCBI Official Full Name	integrin alpha-2
NCBI Official Synonym Full Names	integrin subunit alpha 2
NCBI Official Symbol	ITGA2
NCBI Official Synonym Symbols	BR; GPIa; CD49B; HPA-5; VLA-2; VLAA2
NCBI Protein Information	integrin alpha-2
UniProt Protein Name	Integrin alpha-2
UniProt Gene Name	ITGA2
UniProt Synonym Gene Names	CD49B; GPIa
UniProt Entry Name	ITA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/itga2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113804>