



Recombinant Chicken Integrin alpha-1 (ITGA1)

Product Code	CSB-EP835455CH-B
Abbreviation	ITGA1
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.	Q90615
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	>85% (SDS-PAGE)
Sequence	ENMTFGTTLV TNPKGGFLAC GPLYAYKCGR LHYYTGVCSN VSSTFETVKA VAPSVQECKT QLDIVIVLDG SNSIYPWESV TAFLNSLLRN MDIGPQQTQV GIVQYGQTVV HEFYLNITYST TEEVMDAALR IRQRGGTQTM TALGIDTARE EAFTEAHGAR RGVQKVMVIV TDGESHDNYR LQEVIDKCED ENIQRFAIAI LGSYSRGNLS TEKFVEEIKS IASKPTEKHF FNVSEDELALV TIVEALGERI FALEATTDQQ AASFEMEMSQ AGFSAHYSQD WVMLG
Source	E.coli
Target Names	ITGA1
Protein Names	Recommended name: Integrin alpha-1 Alternative name(s): Laminin and collagen receptor VLA-1
Expression Region	1-285
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding.
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	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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