



# Recombinant Chicken Integrin alpha-1 (ITGA1)

<b>Product Code</b>	CSB-EP835455CH
<b>Abbreviation</b>	ITGA1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q90615
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ENMTFGTTLV TNPKGGFLAC GPLYAYKCGR LHYYTGVCSN VSSTFETVKA VAPSVQECKT QLDIVIVLDG SNSIYPWESV TAFLNSLLRN MDIGPQQTQV GIVQYGQTVV HEFYLNITYST TEEVMDAALR IRQRGGTQTM TALGIDTARE EAFTEAHGAR RGVQKVMVIV TDGESHDNYR LQEVIDKCED ENIQRFAIAI LGSYSRGNLS TEKFVVEIKS IASKPTEKHF FNVSEDELALV TIVEALGERI FALEATTDQQ AASFEMEMSQ AGFSAHYSQD WVMLG
<b>Source</b>	E.coli
<b>Target Names</b>	ITGA1
<b>Protein Names</b>	Recommended name: Integrin alpha-1 Alternative name(s): Laminin and collagen receptor VLA-1
<b>Expression Region</b>	1-285
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Extracellular domain
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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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