

Recombinant Full Length Bovine Integrin Beta-1(Itgb1) Protein, His-Tagged

Cat. No. RFL10882BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Integrin beta-1(ITGB1) Protein (P53712) (21-798aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (21-798)
Form	Lyophilized powder
AA Sequence	<p>QADENRCLKANAKSCGECIQAGPNCGWCTNSTFLQEGMPTSARCDDLEALKKKGC HPNDIENPRGSKDIKKNKNVTNRSKGTAEKLPEDITQIQPQQLVLQLRSGEPQTFTL KFKRAEDYPIDLYYLMDLSYSMKDDLENVKSLGTDLMNEMRRITSDFRIGFGSFVEK TVMPYISTTPAKLRNPCTNEQNCTSPFSYKNVLSLTDKGEVFNELVGKQRISGNLDS PEGGFDAIMQVAVCGSLIGWRNVTRLLVFSTDAGFHAFAGDGKLGIVLPNDGQCHL ENDVYTM SHYYDYP SIAHLVQKLS ENNIQTIFAVTEEFQPVYKELKNLIPKSAVGTLSA NSSNVIQLIIDAYNSLSSEVILENSKLPEGVTINYKSYCKNGVNGTG ENGRKCSNISIG DEVQFEISITANKCPNKNSETIKIKPLGFTEEVEIILQFICECECQGEGIPGSPKCHDGN GTFECGACRCNEGRVGRHCECSTDEVNSEMDAYCRKENSSEICSNNGECVCGQ CVCRKRDNTNEIYSGKFCECDNFNCDRSNGLICGGNGVCKCRVCECNPNYTG SAC DCSLDTTSCMAVNGQICNGRGVCECGACKCTDPKFQGPTEMCQTCLGVCAEHK ECVQCRAF NKGEKKDTCAQECSHFNITKVENRDKLPQPGQVDPLSHCKEKDVDDC</p>

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WFYFTYSVNGNNEATVHVVETPECPTGPDIIPIVAGVVAGIVLIGLALLLIWKLLMIHD
RREFAKFEKEKMNAKWDTGENPIYKSAVTTVVNPKYEGK

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name ITGB1

Synonyms ITGB1; Integrin beta-1; Fibronectin receptor subunit beta; VLA-4 subunit beta; CD antigen CD29

UniProt ID [P53712](https://www.uniprot.org/entry/P53712)

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