

Recombinant Full Length Bovine Integrin Beta-5(Itgb5) Protein, His-Tagged

Cat. No. RFL4287BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Bovine Integrin beta-5(ITGB5) Protein (P80747) (25-800aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Bovine

Source

E.coli

ProteinLength

Full Length of Mature Protein (25-800)

Form

Lyophilized powder

AA Sequence

LNICTSGSATSCEECLLIHPKCAWCFKEDFGSLRSVTSRCDLKANLIRNGCGVEFES
 PASSTQVLRSLPLSSKGSSPAGSDVIQLTPQEVTVTLRPGDRTAFLQVQRQVEDYYPV
 DLYYLMDSLMSKDDLENIRSLGKLAEMRKLTSNFRLGFGSFVDKNISPFSYTAPR
 YQTNPCIGYKLFPCVPSFGFRHLLPLTDRVDSFNEEVRKQRVSRNRDAPEGGFDA
 VLQAAVCKEKIGWRKDALHLLVFTTDDVPHIALDGLGGLVQPHDGGQCHLNEANEY
 TASNQMDYPSLALLGEKLAENNINLIFAVTKNHMYMLYKNFTALIPGTTVEILHGDSKNI
 LQLIINAYNSIRSKVELSVWDQPEDLNLFATCQDGVSYPGQRKCEGLKIGDTASFE
 VSVEARSCPSKHVQHTFTLRPVGFRDSLEVGVTYNCRCGCSAGLEPDSARCSSNG
 TYVCGLCECNPGYLGTRCECQEGESQSGYQNLCREAEGKPLCSGRGQCSCNQCS
 CFESFEGKIYGSFCECDFSCARNKGVLCSGHGECHCGECKCHAGYIGDNCNCST
 DISTCQARDGHICSDRGHCVCGQCQCTEPGAFGETCEKCPDACPACSTKRDCVEC
 LLLHSGSSADNQTQNLCKDEVITRVDTIVKDDQEAVLCFYKTAKDCVMMFTYSELP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SGKSNLTVLREPECGTAPSAMTILLAVVGSILLTGFALLVIWKLLVTIHDRREFAKFQS
ERSRARYEMASNPLYRKPISTHTVDFTFNKFNKSYNGTVD

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 ITGB5

Synonyms ITGB5; Integrin beta-5

UniProt ID [P80747](#)

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45-1 Ramsey Road, Shirley, NY 11967, USA