

Recombinant Full Length Mouse Integrin Beta-3(Itgb3) Protein, His-Tagged

Cat. No. RFL9745MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Integrin beta-3(Itgb3) Protein (O54890) (26-787aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length of Mature Protein (26-787)

Form

Lyophilized powder

AA Sequence

ESNICTTRGVNSCQQCLAVSPVCAWCSDETL SQGSPRCNLKENLLKDNCAPESIEF
 PVSEAQILEARPLSSKGGSSAQITQVSPQRIALRLRPDDSKIFSLQVRQVEDYPVDI
 YYLMDLSFSMKDDLSSIQTLGTKLASQMRKLT SNLRIGFGAFVDKPVSPYMYISPPQ
 AIKNPCYNMKNACLPMFGYKHVLTLDQVSRFNEEVKKQSVSRNRDAPEGGFDAIM
 QATVCDEKIGWRNDASHLLVFTTDAKTHIALDGRLAGIVLPNDGHCHIGTDNHYSAS
 TTMDYPSLGLMTEKLSQKNINLIFAVTENVVSLYQNYSELIPGTTVGVLSDDSSNVLQ
 LIVDAYGKIRSKVELEVRDLPEELSLSFNATCLNNEVIPGLKSCVGLKIGDVTVSFSIEAK
 VRGCPQEKEQSFTIKPVGFKDSLTVQVTFDCDCACQAFAPSSPRCNGNGTFEC
 GVCRCDDQGWLGSMCECSEEDYRPSQQEECS PKEGQPICSQRGECLCGQCVCHS
 SDFGKITGKYCECDDFSCVRYK GEMCSGHGQCNCGDCVCDSDWTGYCNCCTTRT
 DTCMSTNGLLCSGRGNCECGSCVCVQPGSYGDTCEKCPDACSFKKECVECK
 KFNRTLHEENTCSRYCRDDIEQVKELDTGKNAV NCTYKNEDDCVVRFYEDTS

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GRAVLYVVEEPECPKGPDILVVLLSVMGAILLIGLATLLIWKLLITIHDRKEFAKFEEER
 ARAKWDTANNPLYKEATSTFTNITYRGT

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 mutiple 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 Itgb3

Synonyms Itgb3; Integrin beta-3; Platelet membrane glycoprotein IIIa; GPIIIa; CD antigen CD61

UniProt ID [O54890](https://www.uniprot.org/entry/O54890)

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