

Recombinant Full Length Mouse Integrin Beta-7(Itgb7) Protein, His-Tagged

Cat. No. RFL7279MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Integrin beta-7(Itgb7) Protein (P26011) (20-806aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length of Mature Protein (20-806)

Form

Lyophilized powder

AA Sequence

ELDTKITSSGEEAAEWEDPDLQLQSGCQVPVSCQKCILSHPSCAWCKQLNFTASGEA
 EARRCARREELLARGCPAQELEEPRGRQEVLDKPLSQGDRGEGATQLAPQRIRV
 TLRPGEPQKFRVRFLRAAGYPVDLYYLMDSLSSMKDDLRLVRQLGHALLVRLQEV
 HSVRIGFGSFVDKTVLPFVSTVPSKLHHPCPSRLERCQPPFSFHHVLSLTGDAQAFE
 REVGRQNVSGNLDSPGGFDAILQAALCQEIQGWRNVSRLLVFTSDDTFHTAGDGK
 LGGIFMPDGRCHLDSNGVYTNSAEFDYPSVGQAQALTAANIPIFAVTGATLPVY
 QELRQLIPKSAVGELSESSNVVQLIMDAYDSLSTVTLEHSPLPPGVSISFESHCKG
 PEKTEGEAGDRGQCNDVRVNQTVDFWVTLQATHCLPEAHVLRRLWALGFSEELTVE
 LHTVDCNCNGDAQPHAPYCSGQGDLCQGCSCAPGRLGQLCECSEADLSSPDLE
 SGCRA PNGTGPLCSGKGRQCGRCSGQSSGRLCECDDASCERHEGILCGGFG
 HCQCGVCHCHANHTGRACECSKSVSDSCVSPGGGLCSGHGYCKNRCQCLDGY
 GALCDQCLGCKSPCEQYRDCAECGAFGTGPLAANCSVVCADVNVTLTLAPNLDDG

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WCKERTIDNQLFFFLVEHAASGIVLRVRPQEKGVDHTRAILGCTGGIVAVGLGLVLA
YRLSVEIYDRREYRRFEKEQQQLNWKQDNNPLYKSAITTTVNPRFQGTNGRSPSL
LTREAD

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 Itgb7

Synonyms Itgb7; Integrin beta-7; Integrin beta-P; M290 IEL antigen

UniProt ID [P26011](https://www.uniprot.org/entry/P26011)

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