

Recombinant Human Integrin beta-6/ITGB6 Protein

Catalog No.: RP02194

Sequence Information

Species	Gene ID
Human	3694
Swiss Prot	Tags
P18564	C-His

Synonyms

ITGB6, AI1H

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Calculated MW/Observed MW

75.14 kDa 80-115 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

ITGB6 is known to be one of the major receptor components involved in host tropism of foot-and-mouth disease (FMD) virus in cattle. A competitive PCR technique called ARMS PCR was adapted to identify a single-nucleotide polymorphism (SNP), G29A, db SNP Id: rs109075046, in the 5' untranslated region (5'UTR) of the bovine ITGB6 gene.

Basic Information

Description

Recombinant Human Integrin beta-6/ITGB6 Protein is produced by HEK293 Cells expression system. The target protein is expressed with sequence (Gly22-Asn707) of human Integrin beta-6/ITGB6 (Accession #NP_000879.2) fused with 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

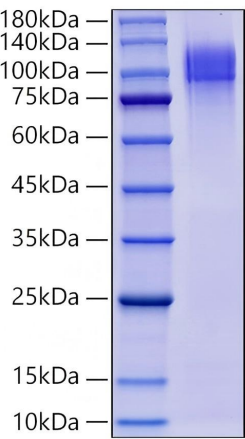
Contact

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Validation Data



Recombinant Human Integrin beta-6/ITGB6 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.