

Recombinant Mouse Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein

Catalog No.: RP03508 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16410&1641	P43406(ITGA6)V,O54890(ITGB3)

Tags

C-His

Synonyms

$\alpha\beta 3$; Integrin alpha V beta 3; beta3; alphaV; ITGAV&ITGB3; Integrin alpha V β 3; $\beta 3$

Product Information

Source

HEK293 cells

Purification

$\geq 95\%$ as determined by Tris-Bis PAGE.

Calculated MW Observed MW

131.48 kDa (ITGAV) 90-130 kDa, 80.80 kDa (ITGB3)

Endotoxin

< 1 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/ml is recommended. Dissolve the lyophilized protein in distilled water.

Background

ITGAV&ITGB3 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling. ITGAV&ITGB3 binds to FGF1 and this binding is essential for FGF1 signaling. ITGAV&ITGB3 binds to FGF2 and this binding is essential for FGF2 signaling. ITGAV&ITGB3 binds to IGF1 and this binding is essential for IGF1 signaling. ITGAV&ITGB3 binds to IGF2 and this binding is essential for IGF2 signaling.

Basic Information

Description

Recombinant Mouse Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein is produced by HEK293 cells expression system. The target protein is expressed with Phe31-Val988 (ITGAV),Glu26-Asp717 (ITGB3) of Mouse Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer (Accession #P43406(ITGAV)&O54890(ITGB3)) fused with His tag at the C-Terminus..

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

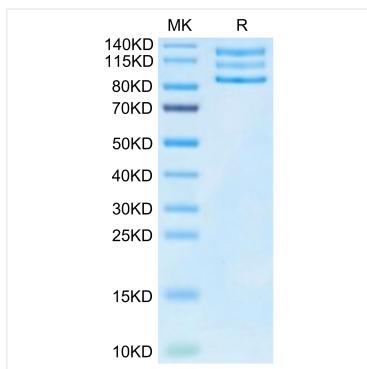
Operational Notes

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

Contact

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Validation Data



Recombinant Mouse Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein was determined by Bis-Tris PAGE under reducing conditions with Coomassie Blue.