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

Catalog No.: RP03508 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16410&16416	P43406(ITGAV),O54890(ITGB3)

Tags
C-His

Synonyms
αVβ3; Integrin alpha V beta 3; beta3; alphaV; ITGAV&ITGB3; Integrin alpha V β 3; β3

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW	Observed MW
131.48 kDa (ITGAV), 80.80 kDa (ITGB3)	90-130 kDa

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

Formulation
Lyophilized from 0.22μm 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 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Contact

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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

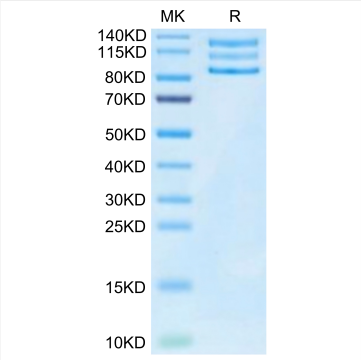
Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃
Avoid repeated freeze/thaw cycles.

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

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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.