

Recombinant Mouse ITGA10&ITGB1 protein, His-tagged

Cat. No. ITGA10&ITGB1-1541M **Lot. No.** (See product label)

SPECIFICATION

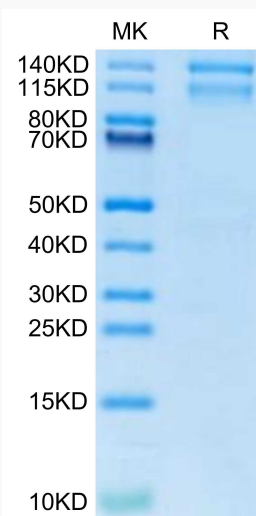
Product Overview	Recombinant Mouse ITGA10&ITGB1 protein(Q14BL5(ITGA10)&P09055-1(ITGB1))(Phe23-Leu1119(ITGA10)& Gln21-Asp728(ITGB1)), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	C-His
ProteinLength	Phe23-Leu1119(ITGA10)& Gln21-Asp728(ITGB1)
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	The protein has a predicted MW of 125.80 kDa (ITGA10) & 82.80 kDa (ITGB1). Due to glycosylation, the protein migrates to 140-170 kDa (ITGA10) & 100-130 kDa (ITGB1) based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene ID	16412
Gene Name	Itgb1 integrin beta 1 (fibronectin receptor beta) [Mus musculus]
Official Symbol	ITGB1
Synonyms	ITGB1; integrin beta 1 (fibronectin receptor beta); integrin beta-1; VLA-4 subunit beta; fibronectin receptor subunit beta; CD29; Fnrb; gpIIa; Gm9863; AA409975; AA960159; 4633401G24Rik; ENSMUSG000000051907;
mRNA Refseq	NM_010578
Protein Refseq	NP_034708

Tris-Bis PAGE

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