

Recombinant Mouse Itgb6 Protein, Myc/DDK-tagged

Cat. No. Itgb6-3610M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length integrin beta 6 (Itgb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin. It recognizes the sequence R-G-D in its ligands. ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1. Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G-D-dependent release of transforming growth factor beta-1 (TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation.
Molecular Mass	86.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Itgb6 integrin beta 6 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Itgb6](#)

Synonyms ITGB6; integrin beta 6; integrin beta-6; 2210409C20Rik; 4831415H04Rik

Gene ID [16420](#)

mRNA Refseq [NM_001159564](#)

Protein Refseq [NP_001153036](#)

UniProt ID [Q9Z0T9](#)

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