

Recombinant Mouse Itgb7 Protein, Myc/DDK-tagged

Cat. No. Itgb7-3611M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length integrin beta 7 (Itgb7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	<p>Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is involved in adhesive interactions of leukocytes. It is a receptor for fibronectin and recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Integrin alpha-4/beta-7 is also a receptor for MADCAM1 and VCAM1. It recognizes the sequence L-D-T in MADCAM1. Integrin alpha-E/beta-7 is a receptor for E-cadherin.</p>
Molecular Mass	87.9 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 [Itgb7 integrin beta 7 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Itgb7](#)

Synonyms ITGB7; integrin beta 7; integrin beta-7; integrin beta-P; M290 IEL antigen; Ly69

Gene ID [16421](#)

mRNA Refseq [NM_013566](#)

Protein Refseq [NP_038594](#)

UniProt ID [P26011](#)

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