

## Recombinant Mouse Itgb4 Protein, Myc/DDK-tagged

Cat. No. Itgb4-3608M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length integrin beta 4 (Itgb4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.</p>
<b>Molecular Mass</b>	195.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

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

## GENE INFORMATION

**Gene Name** [Itgb4 integrin beta 4 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Itgb4](#)

**Synonyms** ITGB4; integrin beta 4; integrin beta-4; CD104; AA407042; C230078O20

**Gene ID** [192897](#)

**mRNA Refseq** [NM\\_133663](#)

**Protein Refseq** [NP\\_598424](#)

**UniProt ID** [A2A864](#)

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