

Recombinant Mouse Itga8 Protein, Myc/DDK-tagged

Cat. No. Itga8-3598M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length integrin alpha 8 (Itga8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the integrin family of cell surface proteins that mediate cellular interactions with the extracellular matrix and other cells. The encoded protein undergoes proteolytic processing to generate the disulfide-linked heterodimeric alpha subunit which, in turn associates with a beta subunit to form the functional integrin receptor. Mice lacking the encoded protein mostly die after birth due to kidney defects, but some of animals that survive exhibit defects in the sensory hair cells of the inner ear.
Molecular Mass	118 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 [Itga8 integrin alpha 8 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Itga8](#)

Synonyms Itga8; integrin alpha 8; AI447669; integrin alpha-8

Gene ID [241226](#)

mRNA Refseq [NM_001001309](#)

Protein Refseq [NP_001001309](#)

UniProt ID [A2ARA8](#)

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