

Recombinant Mouse C8b Protein, MYC/DDK-tagged

Cat. No. C8b-469M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse complement component 8, beta polypeptide (C8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes the beta subunit of complement component C8 that participates in the assembly of the complement membrane attack complex. The encoded preproprotein undergoes proteolytic processing to generate the beta subunit, which associates with the alpha and gamma subunits to form a trimeric complement component, C8. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. This gene is located adjacent to the gene encoding the alpha subunit.
Molecular Mass	66.2 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 C8b complement component 8, beta polypeptide [*Mus musculus* (house mouse)]

Official Symbol C8b

Synonyms C8b; complement component 8, beta polypeptide; AI595927; 4930439B20Rik; complement component C8 beta chain; complement component 8, beta subunit

Gene ID 110382

mRNA Refseq NM_133882

Protein Refseq NP_598643

UniProt ID Q8BH35

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