

Recombinant Mouse C8b protein, His & T7-tagged

Cat. No. C8b-6787M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C8b aa. (Cys161~Arg503 (Accession # Q8BH35)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Cys161~Arg503
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	C8b complement component 8, beta polypeptide [<i>Mus musculus</i> (house mouse)]
Official Symbol	C8b
Synonyms	AI595927; 4930439B20Rik; complement component 8, beta subunit; complement component C8 beta chain
Gene ID	110382
mRNA Refseq	NM_001316671.1

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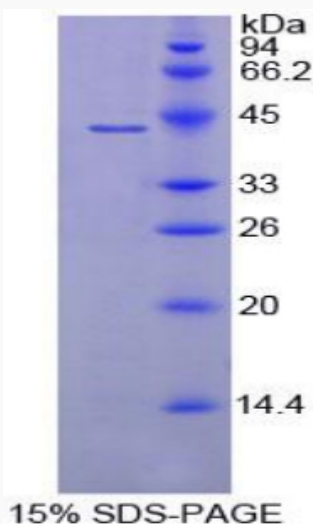
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Protein Refseq NP_001303600.1

UniProt ID Q8BH35

SDS-PAGE



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