

Recombinant Rat C8a protein, His & T7-tagged

Cat. No. C8a-8239R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat C8a aa. (Gln21~His300 (Accession # D3ZWD6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln21~His300
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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

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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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

C8a complement C8 alpha chain [*Rattus norvegicus* (Norway rat)]

Official Symbol

C8a

Synonyms

C8a; complement C8 alpha chain; complement component C8 alpha chain; complement component 8 alpha subunit; complement component 8, alpha polypeptide

Gene ID

298288

mRNA Refseq

NM_001106670.1

Protein Refseq

NP_001100140.1

UniProt ID

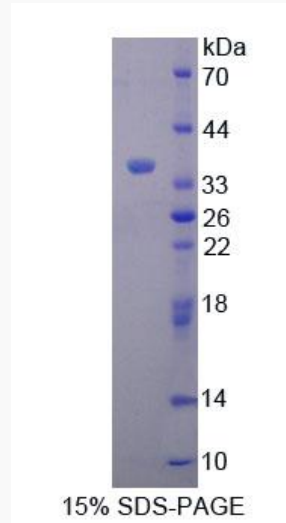
D3ZWD6

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SDS-PAGE



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