

Recombinant Mouse Cplx4 Protein, His&GST-tagged

Cat. No. Cplx4-834M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cplx4 Protein (Asn15-Met160) with His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn15-Met160
Description	Enables SNARE binding activity. Acts upstream of or within regulation of neurotransmitter secretion. Located in synapse. Is expressed in retina outer nuclear layer. Orthologous to human CPLX4 (complexin 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.7 kDa; Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Cplx4 complexin 4 [Mus musculus (house mouse)]
Official Symbol	Cplx4
Synonyms	CPLX4; complexin 4; complexin-4; CPX IV; complexin IV; CPXIV; Gm957; A930004D23Rik;
Gene ID	225644
mRNA Refseq	NM_145493
Protein Refseq	NP_663468
UniProt ID	Q80WM3

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