

Recombinant Mouse GUSB Protein

Cat. No. Ccn4-593M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GUSB Protein Cys216~Arg347 (Accession # O95388) with N-terminal His Tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	216-347 a.a.
Description	Broad expression in limb E14.5 (RPKM 9.0), ovary adult (RPKM 6.7) and 17 other tissues.
Form	Freeze-dried powder
Molecular Mass	16.3kDa
AA Sequence	MGHHHHHHSGSEFCIAYTSPWSPCSTTCGLGISTRISNVNARCWPEQESRLCNLRP CDVDIQLHIKAGKKCLAVYQPEEATNFTLAGCVSTRTYRPKYCGVCTDNRCCIPYKS KTISVDFQCPEGPGFSRQVLWINACFCNLSCR
Endotoxin	<1.0 EU per 1 g (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade for 48 h, 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 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 sterile PBS, pH7.2 - pH7.4.
GENE INFORMATION	
Gene Name	Ccn4 cellular communication network factor 4 [Mus musculus (house mouse)]
Official Symbol	Ccn4
Synonyms	Ccn4; cellular communication network factor 4; Elm1; Wisp1; AW146261; WNT1-inducible-signaling pathway protein 1; CCN family member 4; WNT1 inducible signaling pathway protein 1
Gene ID	22402
mRNA Refseq	NM_018865
Protein Refseq	NP_061353

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UniProt ID	O54775
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SDS-PAGE	
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