

Recombinant Mouse Shc2 protein, His & T7-tagged

Cat. No. Shc2-1745M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Shc2 aa. (Asp98~Glu302 (Accession # Q8BMC3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp98~Glu302
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.3.
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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

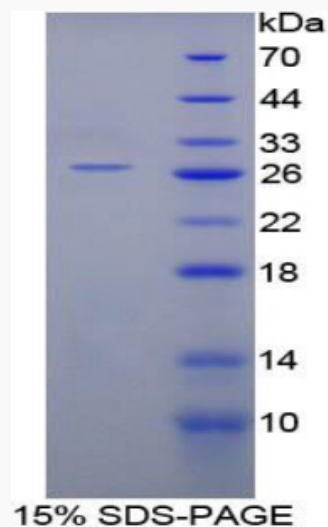
GENE INFORMATION

Gene Name	Shc2 SHC (Src homology 2 domain containing) transforming protein 2 [Mus musculus (house mouse)]
Official Symbol	Shc2
Synonyms	Car9; carbonic anhydrase 9; Ca9; CAIX; MN/CA9; CA-IX; carbonate dehydratase IX; carbonic anhydrase IX; membrane antigen MN homolog
Gene ID	216148
mRNA Refseq	NM_001024539.1
Protein Refseq	NP_001019710.1
UniProt ID	Q8BMC3

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SDS-PAGE

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