Recombinant Mouse Stc1 protein, His-GST-tagged

Cat. No. Stc1-20M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Stc1(Ser28~Ala247) fused with His-GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser28-Ala247
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	Predicted Molecular Mass: 54.7 kDa Accurate Molecular Mass: 55 kDa as determined by SDS-PAGE reducing conditions.
AA Sequence	SPRKSRVAAQNSAEVVRCLNSALQVGCGAFACLENSTCDTDGMYDICKSFLYSAAK FDTQGKAFVKESLKCIANGITSKVFLAIRRCSTFQEMIAEVQEDCYSKLNVCSIAKRN PEAITEVIQLPNHFSNRYYNRLVRSLLECDEDTVSTIRDSLMEKIGPNMASLFHILQTD HCAQTHPRADFNRRRTNEPQKLKVLLRNLRGEGDSPSHIKRTSQESA
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 97%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Concentration	200ug/mL
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Stc1 stanniocalcin 1 [Mus musculus]
Official Symbol	Stc1
Synonyms	STC1; stanniocalcin 1; stanniocalcin-1; STC-1; Stc;
Gene ID	20855
mRNA Refseq	NM_009285
Protein Refseq	NP_033311
UniProt ID	O55183

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