

Recombinant Mouse Stc2 Protein, 25-296aa, C-His tagged

Cat. No. STC2-16118M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Stc2 Protein (25-296aa) with C-His tag was expressed in hek293.
Species	Mouse
Source	HEK293
ProteinLength	25-296aa
Description	Predicted to enable enzyme binding activity; heme binding activity; and protein homodimerization activity. Acts upstream of or within several processes, including cellular calcium ion homeostasis; endoplasmic reticulum unfolded protein response; and regulation of store-operated calcium entry. Located in Golgi apparatus and endoplasmic reticulum. Is expressed in several structures, including embryo mesenchyme; genitourinary system; gut; olfactory epithelium; and vertebral axis musculature. Orthologous to human STC2 (stanniocalcin 2).
Form	Liquid
Molecular Mass	Theoretical molecular weight: ~ 30 kDa including His tag.
AA Sequence	TDSTNPPEGPQDRSSQQKGRSLQNTAEIQHCLVNAGDVGCGVFECFENNSCEIQ GLHGICMTFLHNAGKFDAQGKSFIKDALRCKAHALRHKFGCISRKCPAIREMVFQLQ RECYLKHDLCSAQAQENVGVIVEMIHFKDLLLHEPYVDLVNLLLTCGEDVKEAVTRSV QAQCEQSWGGGLCSILSFCTSNIQRPPTAAPEHQPLADRAQLSRPHHRDTHHLTAN

 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

RGAKGERGSKSHPNHARGRTGGQSAQGPGSGSSEWEDEQSEYSDIRRHHHHHH

Purity > 90% as determined by SDS-PAGE

Storage Short Term Storage at +4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.72 mg/mL

Storage Buffer PBS, pH 7.4

GENE INFORMATION

Gene Name [Stc2 stanniocalcin 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Stc2](#)

Synonyms Stc2; stanniocalcin 2; Stc-2; Stc2l; mustc2; stanniocalcin-2

Gene ID [20856](#)

mRNA Refseq [NM_011491](#)

Protein Refseq [NP_035621](#)

UniProt ID [O88452](#)

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**15% SDS-PAGE
analysis profiles of
purified
Recombinant Mouse
STC2 Protein, his-
tagged (CBB stained)**



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