

## Recombinant Human STC1 Protein, His-tagged

Cat. No. STC1-676H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human STC1 (NP_003146.1) (Met1-Ala247) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-247 a.a.
<b>Predicted N Terminal</b>	Thr 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant human STC1 consists 241 amino acids and predicts a molecular mass of 27.4 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	STC1 stanniocalcin 1 [ Homo sapiens ]
<b>Official Symbol</b>	STC1
<b>Synonyms</b>	STC1; stanniocalcin 1; STC; stanniocalcin-1;
<b>Gene ID</b>	6781
<b>mRNA Refseq</b>	NM_003155
<b>Protein Refseq</b>	NP_003146
<b>MIM</b>	601185
<b>UniProt ID</b>	P52823
<b>Chromosome Location</b>	8p22-p12

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