

Recombinant Human STC1 Protein, His-tagged

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

SPECIFICATION

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

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

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