

## Recombinant Human STC1 protein, His-SUMO-tagged

**Cat. No.** STC1-3535H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STC1 protein(P52823)(39-247aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	39-247aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	39.6 kDa
<b>AA Sequence</b>	SAEVRCLNSALQVCGGAFACLENSTCDTDGMYDICKSFLYSAAKFDTQGKAFVKE SLKCIANGVTSKVFLAIRRCSTFQRMIAEVQEECYSKLNVCSIAKRNPEAITEVVQLPN HFSNRYYNRLVRSLLCEDEDTVSTIRDSLMEKIGPNMASLFHILQTDHCAQTHPRAD FNRRRTNEPQKLKVLRLNLRGEEDSPSHIKRTSHEA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**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

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