

Recombinant Human STC2 protein, Flag-tagged

Cat. No. STC2-3746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STC2(aa 25–302) fused with Flag tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Predicted N Terminal	Thr 1 to Asn 5 were confirmed by N-terminal sequencing.
Form	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in PBS buffer, pH 7.4
AA Sequence	TDATNPPEGP QDRSSQKQGR LSLQNTAEIQ HCLVNAGDVG CGVFECFENN SCEIRGLHGI CMTFLHNAGK FDAQGKSFIL DALKCKAHAL RHRFGCISRK CPAIREMVSQ LQRECYLKHD LCAAQENTR VIVEMIHFKD LLLHEPYVDL VNLLLTGEE VKEAITHSVQ VQCEQNWGSL CSILSFCTSA IQKPPTAPPE RQPQVDRTKL SRAHHGEAGH HLPEPSSRET GRGAKGERGS KSHPNHARG RVGGLGAQGP SGSSEWEDEQ SEYSDIRRAA ADYKDDDDK
Endotoxin	< 1.0 EU/ug
Purity	>90%
Applications	Cell culture and/or animal studies, ELISA, Western blotting
Storage	Store lyophilized protein at –80 centigrade. Lyophilized protein remains stable until

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the expiry date when stored at –80 centigrade. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80 centigrade for long term storage. Reconstituted protein can be stored at 4 centigrade for a limited period of time; it does not show any change after one week at 4 centigrade.

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

GENE INFORMATION

Gene Name [STC2 stanniocalcin 2 \[Homo sapiens \]](#)

Official Symbol [STC2](#)

Synonyms STC2; stanniocalcin 2; stanniocalcin-2; STC 2; STC-related protein; stanniocalcin-related protein; STC-2; STCRP;

Gene ID [8614](#)

mRNA Refseq [NM_003714](#)

Protein Refseq [NP_003705](#)

MIM [603665](#)

UniProt ID [O76061](#)

Chromosome Location 5q35.2

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Function

hormone activity;

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