Recombinant Human STC2, Fc tagged

Cat. No. STC2-8603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STC2 (O76061) (Met1-Arg302), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-302 a.a.
Predicted N Terminal	Thr 25
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human STC2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 519 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 63 kDa in SDS-PAGE under reducing cond
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	STC2 stanniocalcin 2 [Homo sapiens]
Official Symbol	STC2
Gene ID	8614
mRNA Refseq	NM_003714
Protein Refseq	NP_003705
MIM	603665
UniProt ID	O76061
Chromosome Location	5q35.2

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