

STC2/Stanniocalcin-2 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76095
Synonyms:	Stanniocalcin-2; STC-2; STC-related protein; STCRP
Species:	Human
Source:	HEK293
Accession:	O76061 (T25-R302)
Gene ID:	8614
Molecular Weight:	Approximately 63 kDa

PROPERTIES

AA Sequence	M C A E R L G Q F M T L A L V L A T F D P A R G T D A T N P P E G P Q D R S S Q Q K G R L S L Q N T A E I Q H C L V N A G D V G C G V F E C F E N N S C E I R G L H G I C M T F L H N A G K F D A Q G K S F I K D A L K C K A H A L R H R F G C I S R K C P A I R E M V S Q L Q R E C Y L K H D L C A A A Q E N T R V I V E M I H F K D L L L H E P Y V D L V N L L L T C G E E V K E A I T H S V Q V Q C E Q N W G S L C S I L S F C T S A I Q K P P T A P P E R Q P Q V D R T K L S R A H H G E A G H H L P E P S S R E T G R G A K G E R G S K S H P N A H A R G R V G G L G A Q G P S G S S E W E D E Q S E Y S D I R R
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	STC2, a crucial player in calcium and phosphate homeostasis, exerts a potent anti-hypocalcemic action. Operating as a homodimer with disulfide linkages, STC2 showcases its structural significance in mediating regulatory responses related to the balance of calcium and phosphate levels. This distinctive property underscores the pivotal role of STC2 in maintaining the intricate equilibrium of essential minerals within the physiological milieu.
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Caution: Product has not been fully validated for medical applications. For research use only.

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