

STC2 / Stanniocalcin 2 Recombinant Protein | STC2 recombinant protein

Recombinant Human STC2 / Stanniocalcin 2 Protein (His tag)

CATALOG #
AAA173525

HOST
HEK293 Cells

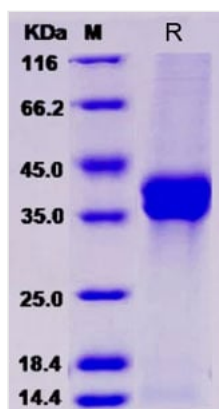
PRODUCT SYNONYMS

STC2 / Stanniocalcin 2; Recombinant Human STC2 / Stanniocalcin 2 Protein (His tag); STC-2;STCRP; STC2 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95% as determined by SDS-PAGE
Form/Format	Supplied as sterile 25mM Tris, 150 mM NaCl, pH7.5.
Concentration	0.14mg/mL (varies by lot)
Sequence	Met1-Arg30 2
Sequence Length	302
Tag	C-His
Species	Human
Endotoxin	< 1.0 EU per mug of the protein as determined by the LAL method
Preparation and Storage	Store at < -20°C, stable for 6 months. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for STC2 recombinant protein	Background: STC2 is a secreted, homodimeric glycoprotein which expressed in a wide variety of tissues. STC2 has an anti-hypocalcemic action on calcium and phosphate homeostasis. It may have autocrine or paracrine functions. Its C-terminus contains a cluster of histidine residues which may interact with metal ions. STC2 has 10 of its 15 cysteine residues conserved among stanniocalcin family members and is phosphorylated by casein kinase 2 exclusively on its serine residues. It may play a role in the regulation of renal and intestinal calcium and phosphate transport, cell metabolism, or cellular calcium/phosphate homeostasis. Description: A DNA sequence encoding the human STC2 (O76061) (Met1-Arg302) was expressed with a C-terminal polyhistidine tag.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507267
NCBI GeneID	8614
NCBI Accession #	NP_003705.1
NCBI GenBank Nucleotide #	NM_003714.2
UniProt Accession #	O76061
Molecular Weight	Molecular Mass: 32.1 kDa AP Molecular Mass: 35-42 kDa
NCBI Official Full Name	stanniocalcin-2
NCBI Official Synonym Full Names	stanniocalcin 2
NCBI Official Symbol	STC2
NCBI Official Synonym Symbols	STC-2; STCRP
NCBI Protein Information	stanniocalcin-2
UniProt Protein Name	Stanniocalcin-2
UniProt Gene Name	STC2
UniProt Synonym Gene Names	STC-2; STC-related protein; STCRP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.