

Stanniocalcin 1 (STC1) Recombinant Protein | STC1 recombinant protein

Recombinant Stanniocalcin 1 (STC1)

CATALOG # AAA134436	HOST E Coli	APPLICATIONS Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page
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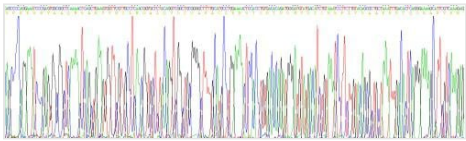
PRODUCT SYNONYMS

Stanniocalcin 1 (STC1); Recombinant Stanniocalcin 1 (STC1); STC1 recombinant protein

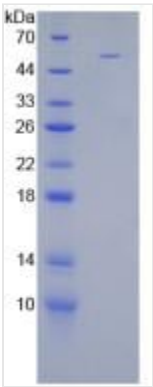
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>98%
Form/Format	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-SPRKS RV AAQNSAEVVR CLNSALQVGC GAFACLENST CDTDGM YDIC KSFLYSAKF DTQGA FVKE SLKCIANGVT SKVFLAIRRC STFQRMIAEV QEECYSKLNV CSIAKRNPEA ITEVVQLPNH FSNRYYNRLV RSLLECEDT VSTIRDSLME KIGPNMASLF HILQTDHCAQ THPRADFNRR RTNEPQKLKV LLRNLRGEEED SPSHIKRTSH ESA
Sequence Length	247
Applicable Applications for STC1 recombinant protein	IP (Colmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser28-Ala247 with two N-terminal Tags, His-tag and GST-tag
Tissue Specificity	Prostate Gland, Kidney, Heart.
Subcellular Location	Secreted.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Predicted Molecular Mass	56.8kDa
Accurate Molecular Mass	55kDa as determined by SDS-PAGE reducing conditions.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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SPR KSRVAAQNSA EVVRCLNSAL
QVGCGAFACL ENSTCDTDGM YDICKSFLYS AAKFDTQQA FVKESLKCIA
NGVTSKVFLA IRRCSFQRM IAEVQEECYSLNVCIAKR NPEAITEVQ
LPNHFSNRYNRLVRSLLCEDTVSTIRD SLMEKIGPNM ASLFHILQTD
HCAQTHPRADFNRRTNEPQKLKVLRLNLR GEEDSPSHIKRTSHESA
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507265
NCBI GeneID	6781
NCBI Accession #	NP_003146.1
NCBI GenBank Nucleotide #	NM_003155.2
UniProt Accession #	P52823
Molecular Weight	51.8kDa
NCBI Official Full Name	stanniocalcin-1
NCBI Official Synonym Full Names	stanniocalcin 1
NCBI Official Symbol	STC1
NCBI Official Synonym Symbols	STC
NCBI Protein Information	stanniocalcin-1
UniProt Protein Name	Stanniocalcin-1
UniProt Gene Name	STC1
UniProt Synonym Gene Names	STC; STC-1
UniProt Entry Name	STC1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/stc1-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134436>