

Product datasheet

Recombinant Human Stanniocalcin 1/STC protein (Tagged) ab238347

[1 Image](#)

Description

Product name	Recombinant Human Stanniocalcin 1/STC protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P52823</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SAEVVRCLNSALQVGCGAFACLENSTCDTDGMYDICKSF LYSAAKFDTQG KAFVKESLKCANGVTSKVFLAIRRCSTFQRMIAEVQEECY SKLNVCSIA KRNPEAITEVVQLPNHFSNRYYNRLVRSLLCEDEDTVSTIR DSLMEKIGP NMA SLFHILQTDHCAQTHPRADFNRRRTNEPQKLKVLLRN LRGEEDSPSH IKRTSHESA
Predicted molecular weight	40 kDa including tags
Amino acids	39 to 247
Tags	His tag N-Terminus
Additional sequence information	N-terminal 6xHis-SUMO-tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab238347** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	Previously labelled as Stanniocalcin 1.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol

General Info

Function

Stimulates renal phosphate reabsorption, and could therefore prevent hypercalcemia.

Tissue specificity

Expressed in most tissues, with the highest levels in ovary, prostate, heart, kidney and thyroid. In the kidney, expression is confined to the nephron, specifically in the distal convoluted tubule and in the collecting tubule. Not detected in the brain, liver, spleen, peripheral blood leukocytes and adrenal medulla.

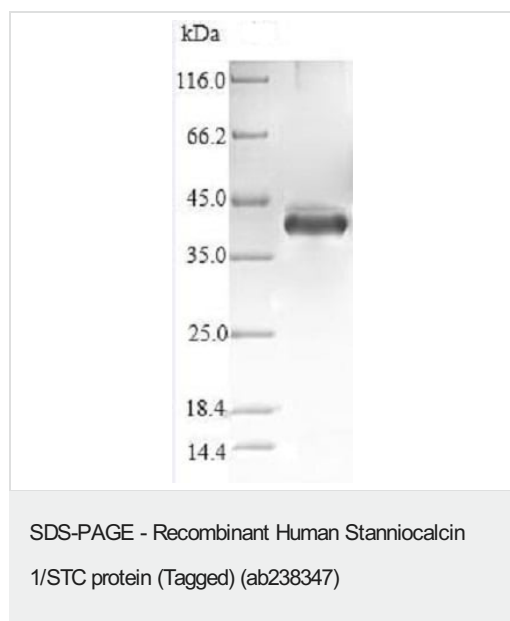
Sequence similarities

Belongs to the stanniocalcin family.

Cellular localization

Secreted.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab238347.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Valid for 12 months from date of delivery
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