

Datasheet for ABIN7607484

Stanniocalcin 1 Protein (STC1) (AA 18-247) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Stanniocalcin 1 (STC1)
Protein Characteristics:	AA 18-247
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Stanniocalcin 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human STC1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit Wnt-3a induced alkaline phosphatase production by mouse preosteoblast cells (MC3T3-E1). The ED50 for this effect is 20-120 ng/mL in the presence of 10 ng/mL of recombinant Mouse Wnt-3a.

Target Details

Target:	Stanniocalcin 1 (STC1)
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Target Details

Alternative Name:	STC1 (STC1 Products)
Background:	STC1, Stanniocalcin-1, STC, STC-1
UniProt:	P52823
Pathways:	Hormone Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months