Datasheet for ABIN7317208

STATH Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	STATH
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STATH protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Statherin/STATH Protein (Fc Tag)
Sequence:	Met 1-Phe62
Characteristics:	A DNA sequence encoding the human STATH (P02808-1) (Met1-Phe62) was fused with Fc region of mouse IgG at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	STATH
Alternative Name:	Statherin/STATH (STATH Products)
Background:	Background: Statherin, also known as STATH, belongs to the histatin/statherin family. Statherin may play an important role in the maintenance of oral health.It prevents calcium phospate precipitation in saliva, so maintaining a high calcium level in saliva and preventing teeth from

Target Details

	dissolving. Statherin also inhibits spontaneous precipitation of calcium phosphate salts. Thus, statherin and PRPs may prevent build-up of harmful deposits in the salivary glands and on the tooth surfaces.Statherin is a highly stable salivary protein of low molecular mass (5,380). Sabatini et al. synthesized mixed oligonucleotides based on the known amino acid sequence of statherin and used these to screen a cDNA library constructed from human parotid gland mRNA. Synonym: STATH,STR
Molecular Weight:	31.6 kDa

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.