

Datasheet for ABIN7548409
HS3ST4 Protein (AA 1-456) (His tag)



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Overview

Quantity:	1 mg
Target:	HS3ST4
Protein Characteristics:	AA 1-456
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HS3ST4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HS3ST4 Protein expressed in mammalian cells.
Sequence:	MARWPAPPPP PPPPPPLAAP PPPGASAKGP PARKLLFMCT LLSVTYLCY SLLGGSGSLQ FPLALQESPG AAAEPPSP PPSLLPTPVR LGAPSQPPAP PPLDNASHGE PPEPPEQPAA PGTDGWGLPS GGGGAQDAWL RTPLAPSEMI TAQSALPERE AQESSTDED LAGRRAANGS SERGGAVSTP DYGEKKLPQA LIIGVKKGGT RALLEAIRVH PDVRAVGVEP HFFDRNYEKG LEWYRNVMKP TLDGQITMEK TPSYFVTNEA PKRIHSMKAK IKLIVVVRNP VTRAI SDYTQ TLSKKPEIPT FEVLAFKNRT LGLIDASWSA IRIGIYALHL ENWLQYFPLS QILFVSGERL IVDPAGEMAK VQDFLGLKRV VTEKHFYFNK TKGFPCLKPP EDSSAPRCLG KSKGRTHPRI DPDVIHRLRK FYKPFNLMFY QMTGQDFQWE QEEGDK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

HS3ST4

Alternative Name:

HS3ST4 ([HS3ST4 Products](#))

Background:

Heparan sulfate glucosamine 3-O-sulfotransferase 4 (EC 2.8.2.23) (Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4) (3-OST-4) (Heparan sulfate 3-O-sulfotransferase 4) (h3-OST-4),FUNCTION: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to an N-unsubstituted glucosamine linked to a 2-O-sulfo iduronic acid unit on heparan sulfate. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate (By similarity). {ECO:0000250}.

Molecular Weight:

49.8 kDa

UniProt:

[Q9Y661](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
