

Datasheet for ABIN7558163
CHST9 Protein (AA 1-413) (His tag)



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Overview

Quantity:	1 mg
Target:	CHST9
Protein Characteristics:	AA 1-413
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHST9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Chst9 Protein expressed in mammalian cells.
Sequence:	<p>MKAKQVFFSV LLFGTAGLLL FMYLQAWIEE HHTGKIEKKR DQKGVSVTTG KIQKQITNQN SEVHMPEDLK KKGDDLNLG SPTRVLRKIS HSQRENGAYR STEAHQGAKI EVFQKPIQMD WPLVTQPLNK SLVQGNKWKK ADATQEKRRS FLHEFCKKYG RVNDPKFNLF HIVSRIYVED KHKILYCEVP KAGCSNWKRI LMVLNGLASS AYNISHDTVH YGKHLKTLDS FDLKGVHMRL NTYTKAVFVR DPMERLVSAF RDKFEHPNSY YHPVFGKAI KKYRPNASAE ALNNGSGVKF KEFAYLLDA HRPVGMDIHW ERVSKLCYPC LINYDFVGKF ETLGEDANYF LQLIGAPKEL TFPNFKDRHS SDERTNAHVV RQYLKDLSTA ERQLIYDFYH LDYLMFNYYT PHL 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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:

CHST9

Alternative Name:

Chst9 ([CHST9 Products](#))

Background:

Carbohydrate sulfotransferase 9 (EC 2.8.2.-) (GalNAc-4-O-sulfotransferase 2) (GalNAc-4-ST2) (GalNAc4ST-2) (N-acetylgalactosamine-4-O-sulfotransferase 2),FUNCTION: Catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Participates in biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures. Has a higher activity toward carbonic anhydrase VI than toward lutropin. Only active against terminal GalNAcbeta1, GalNAcbeta.

Molecular Weight:

48.0 kDa

UniProt:

[Q76EC5](#)

Pathways:

[Glycosaminoglycan Metabolic Process](#)

Application Details

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