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Datasheet for ABIN7553470

CHST11 Protein (AA 1-352) (His tag)

Overview

Quantity:	1 mg
Target:	CHST11
Protein Characteristics:	AA 1-352
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHST11 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CHST11 Protein expressed in mammalian cells.
Sequence:	MKPALLEVMR MNRICRMVLA TCLGSFILVI FYFQSM LHPV MRRNPFQVDI CCRKGSRSPL QELYNPIQLE LSNTAVLHQM RRDQVTDTCR ANSATSRKRR VLTPNDLKHL VVDEHHELIY CYVPKVACTN WKRLMMVLTG RGKYSDPMEI PANEAHVSAN LKTLNQYSIP EINHRLKSYM KFLFVREPFE RLVSAYRNKF TQKYNISFHK RYGTKIIKRQ RKNATQEALR KGDDVKFEEF VAYLIDPHTQ REEPFNEHWQ TVYSLCHPCH IHYDLVGKYE TLEEDSNYVL QLAGVGSYLK FPTYAKSTRT TDEMTEFFQ NISSEHQTQL YEYVKLDFLM FNYSVPSYLK LE 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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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:	CHST11
Alternative Name:	CHST11 (CHST11 Products)
Background:	Carbohydrate sulfotransferase 11 (EC 2.8.2.5) (Chondroitin 4-O-sulfotransferase 1) (Chondroitin 4-sulfotransferase 1) (C4S-1) (C4ST-1) (C4ST1),FUNCTION: Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Can also sulfate Gal residues in desulfated dermatan sulfate. Preferentially sulfates in GlcA->GalNAc unit than in IdoA->GalNAc unit. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor.
Molecular Weight:	41.6 kDa
UniProt:	Q9NPF2
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
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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
