

Product datasheet

Recombinant Human CHST11 protein ab153322

1 Image

Description

Product name	Recombinant Human CHST11 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RKGDDVKFEFVAYLIDPHTQREEPFNEHWQTVYSLCHP CHIHVDLVGKY ETLEEDSNYVLQLAGVGSYLKFPYAKSTRITDEMTEFF QNISSHQQTQ LYEYKLD
Amino acids	230 to 337
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153322** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid

Additional notes

Preparation and Storage

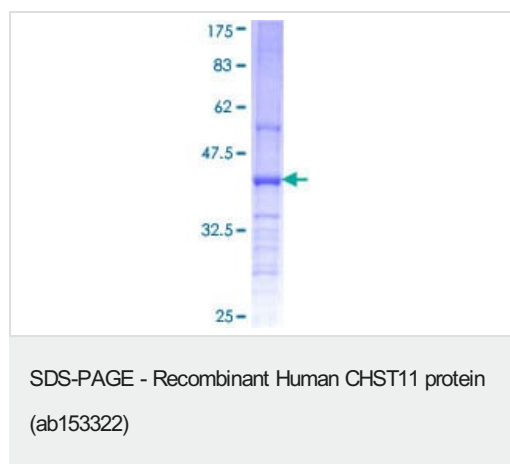
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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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.
Tissue specificity	Widely expressed. Highly expressed in spleen, thymus, bone marrow, peripheral blood leukocytes, lymph node, heart, brain, lung and placenta.
Involvement in disease	Note=A chromosomal aberration involving CHST11 is found in B-cell chronic lymphocytic leukemias. Translocation t(12;14)(q23;q32) with IgH.
Sequence similarities	Belongs to the sulfotransferase 2 family.
Post-translational modifications	N-glycosylated; required for activity and stability.
Cellular localization	Golgi apparatus membrane.

Images



ab153322 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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