CHST15 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	CHST15, Lysate
Full Product Name	Human CHST15 Protein Lysate
Product Gene Name	CHST15 lysate
Product Synonym Names	CHST15; BRAG; GALNAC4S-6ST
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	65kDa
OMIM	608277
3D Structure	ModBase 3D Structure for Q7LFX5
Related Product Information for CHST15 lysate	Human CHST15 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of CHST15 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CHST15 purchase	MBS139452 is a lysate targeting CHST15. Also known as Human CHST15 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHST15. It may not necessarily be applicable to this product.

NCBI GI #	45505173
NCBI GeneID	51363
NCBI Accession #	NP_056976
UniProt Primary Accession #	Q7LFX5
UniProt Related Accession #	Q7LFX5
GenBank Nucleotide #	NM_015892
NCBI Official Full Name	carbohydrate sulfotransferase 15 isoform 1
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 15
NCBI Official Symbol	CHST15
NCBI Official Synonym Symbols	BRAG; GALNAC4S-6ST
UniProt Protein Name	Carbohydrate sulfotransferase 15
UniProt Synonym Protein Names	B-cell RAG-associated gene protein; hBRAG; N-acetylgalactosamine 4-sulfate 6-O-sulfotransferase; GalNAc4S-6ST

Protein Family	Carbohydrate sulfotransferase
UniProt Gene Name	CHST15
UniProt Synonym Gene Names	BRAG; GALNAC4S6ST; KIAA0598; hBRAG; GalNAc4S-6ST
UniProt Entry Name	CHSTF_HUMAN
NCBI Protein Information	carbohydrate sulfotransferase 15
NCBI Summary for CHST15	Chondroitin sulfate (CS) is a glycosaminoglycan which is an important structural component of the extracellular matrix and which links to proteins to form proteoglycans. Chondroitin sulfate E (CS-E) is an isomer of chondroitin sulfate in which the C-4 and C-6 hydroxyl groups are sulfated. This gene encodes a type II transmembrane glycoprotein that acts as a sulfotransferase to transfer sulfate to the C-6 hydroxal group of chondroitin sulfate. This gene has also been identified as being co-expressed with RAG1 in B-cells and as potentially acting as a B-cell surface signaling receptor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]
Research Articles on CHST15	**1.** blockade CHST15 represses colonic fibrosis
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