

Recombinant Human CHST2 Protein (AA 76-530), N-6×His/GFP tagged

Cat. No. CHST2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST2 Protein (AA 76-530) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 76-530
Description	This locus encodes a sulfotransferase protein. The encoded enzyme catalyzes the sulfation of a nonreducing N-acetylglucosamine residue, and may play a role in biosynthesis of 6-sulfosialyl Lewis X antigen.
Molecular Mass	~84 kDa
AA Sequence	YKWHKEPLQQCNPDGPLGAAAGAAGGSWGRPGPPPAGPPRAHARLDLRTPYRPP AAAVGAAPAAAAGMAGVAAPPNGTRGTGGVGDKRQLVYVFTTWRS GS SFFGEL FNQNPEVFFLYEPVWHVWQKLYPGDAVSLQGAARDMLSALYRCDLSVFQLYSPAG SGGRNLTTLGIFGAATNKVVCSSPLCPAYRKEVVGLVDDRVCCKCPPQRLARFEEE CRKYRTLVIKGV RVFDVAVLAPLLRDPALDLKVIHLVRDPRAVASSRIRSRHGLIRESL QVVRSDPRAHRMPFLEAAGHKLGAKKEGVGGPADYHALGAMEVICNSMAKTLQT ALQPPDWLQGHYLVVRYEDLVGDPVKTLRRVYDFVGLLVSPEME QFALNMTSGSG SSSKPFVVSARNATQAANAWRTALTFQQIKQVEEFCYQPM AVLGYERVNSPEEVKD LSKTLLRK PRL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Coomassie Blue stain.
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 µg/µL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES and 100mM NaCl buffer, pH 7.0, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.

GENE INFORMATION

Gene Name	CHST2 carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2 [Homo sapiens (human)]
Official Symbol	CHST2
Synonyms	CHST2; carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2; carbohydrate sulfotransferase 2; C6ST; N-acetylglucosamine 6-O-sulfotransferase 1; carbohydrate (chondroitin 6/keratan) sulfotransferase 2; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 2; GST2; GST-2; Gn6ST-1; glcNAc6ST-1;
Gene ID	9435
mRNA Refseq	NM_004267
Protein Refseq	NP_004258

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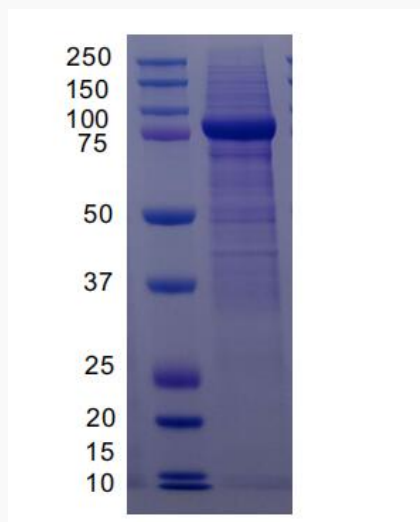
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MIM 603798

UniProt ID Q9Y4C5

SDS-PAGE



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