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Product datasheet for TP762141

CHST9 (NM_031422) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 9 (CHST9),Thr35-Glu167, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Thr35-Glu167) of CHST9
Tag:	N-His
Predicted MW:	15.4 kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_113610
Locus ID:	83539
UniProt ID:	Q7L1S5, A0A024RC28
RefSeq Size:	2280
Cytogenetics:	18q11.2
RefSeq ORF:	1314
Synonyms:	GALNAC4ST-2; GalNAc4ST2

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Summary: The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Sulfate groups on carbohydrates confer highly specific functions to glycoproteins, glycolipids, and proteoglycans, and are critical for cell-cell interaction, signal transduction, and embryonic development. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Aug 2011]

Protein Families: Transmembrane

Product images: