

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** A DNA sequence encoding the region(Thr35-Glu167) of CHST9 or AA Sequence: N-His Tag: 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. Store at -80°C. Storage: 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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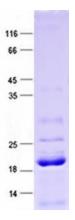
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GRIGENE CHST9 (NM_031422) Human Recombinant Protein – TP762141

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:



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