

Product datasheet for TP761983

HS2ST1 (NM_012262) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Purified recombinant protein of Human heparan sulfate 2-O-sulfotransferase 1 (HS2ST1), transcript variant 1,Asn29-His106, with N-terminal His-ABP tag, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region(Asn29-His106) of HS2ST1 or AA Sequence: N-His-ABP (Albumin-Binding Protein) Tag: Predicted MW: 24.2 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol 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 036394 Locus ID: 9653 **UniProt ID:** Q7LGA3 6708 **RefSeq Size:** Cytogenetics: 1p22.3 **RefSeq ORF:** 1068 dJ604K5.2; NFSRA Synonyms:



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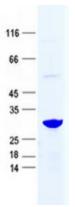
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Image: CRICENEHS2ST1 (NM_012262) Human Recombinant Protein - TP761983Summary:Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct
heparan sulfate fine structures that carry out multiple biologic activities. This gene encodes a
member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2
position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted
in no kidney formation in knockout embryonic mice, indicating that the absence of this
enzyme may interfere with the signaling required for kidney formation. Two alternatively
spliced transcript variants that encode different proteins have been found for this gene.
[provided by RefSeq, Aug 2008]

Protein Pathways: Heparan sulfate biosynthesis

Product images:



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