

## Active Recombinant Human HS6ST1, His-tagged

Cat. No. HS6ST1-420H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HS6ST1 (Accession # AAY14736) Pro28-Trp401, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	28-401 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris, NaCl and EDTA.
<b>Bio-activity</b>	Measured by its ability to transfer sulfate from PAPS to heparan sulfate. The specific activity is >45 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human HS6ST1, His-tagged has a calculated MW of 45 kDa. In SDS-PAGE migrates as 56-60 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

**Gene Name** HS6ST1 heparan sulfate 6-O-sulfotransferase 1 [ Homo sapiens ]

**Official Symbol** HS6ST1

**Synonyms** HS6ST1; heparan sulfate 6-O-sulfotransferase 1; HS6ST; heparan-sulfate 6-O-sulfotransferase 1; HS6ST-1; heparan-sulfate 6-sulfotransferase; FLJ25392; MGC116899; MGC116901; DKFZp547H098;

**Gene ID** 9394

**mRNA Refseq** NM\_004807

**Protein Refseq** NP\_004798

**MIM** 604846

**UniProt ID** O60243

**Chromosome Location** 2q21

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