

Active Recombinant Human HS6ST1, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	28-401 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and EDTA.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to heparan sulfate. The specific activity is >45 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human HS6ST1, His-tagged has a calculated MW of 45 kDa. In SDS-PAGE migrates as 56-60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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).

 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

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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