

Recombinant Human HS6ST1 protein, GST-tagged

Cat. No. HS6ST1-5454H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human HS6ST1 protein(358-411 aa), fused with N-terminal GST tag, was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 358-411 aa |
| Form | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| AASequence | RYQYKRQLERREQRLRSREERLLHRAKEALPREDADEPGRVPTEDYMSHIIKWK |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/ |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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|------------------------|---|
| 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 |

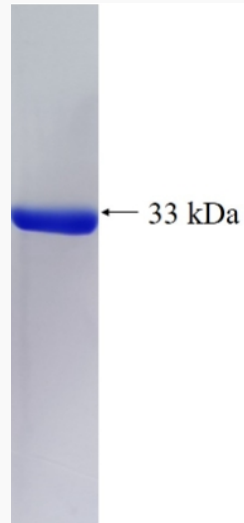
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SDS-PAGE



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