

## Recombinant Human HS3ST5 Protein, His-tagged

Cat. No. HS3ST5-320H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HS3ST5 fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).
<b>Form</b>	50mM Tris, 8M Urea, pH8.0.
<b>Molecular Mass</b>	40.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	HS3ST5 heparan sulfate (glucosamine) 3-O-sulfotransferase 5 [ Homo sapiens ]
<b>Official Symbol</b>	HS3ST5

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<b>Synonyms</b>	HS3ST5; heparan sulfate (glucosamine) 3-O-sulfotransferase 5; heparan sulfate glucosamine 3-O-sulfotransferase 5; 3 OST 5; h3-OST-5; heparan sulfate 3-OST-5; heparan sulfate 3-O-sulfotransferase 5; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 5; 3OST5; 3-OST-5; HS3OST5; NBLA04021;
<b>Gene ID</b>	<a href="#">222537</a>
<b>mRNA Refseq</b>	<a href="#">NM_153612</a>
<b>Protein Refseq</b>	<a href="#">NP_705840</a>
<b>MIM</b>	<a href="#">609407</a>
<b>UniProt ID</b>	<a href="#">Q8IZT8</a>

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