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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HS3ST3A1 (Human) Recombinant Protein (P01)

Catalog Number: H00009955-P01

Regulation Status: For research use only (RUO)

Product Description: Human HS3ST3A1 full-length ORF (NP_006033.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPPGPASALSTSAEPLSRISIFRKFLMLCSLLTSLYVF
YCLAERCQTLSPVVGLSGGGEEAGAPGGGVLGGP
RELAVWPAAAQRKRLQLPQWRRRRPPAPRDDGEEA
AWEEESPGLSGGPGGSGAGSTVAEAPPGLALLLDE
GSKQLPQAIIGVKKGGTRALLEFLRVHPDVRAVGAEP
HFFDRSYDKGLAWYRDLMPTLDGQITMEKTPSYFVT
REAPARISAMSKDTKLIVVVRDPVTRAI SDYTQTL SKRP
DIPTFESLTFKNRTAGLIDTSWSAIQIGIYAKHLEHWLR
HFPIRQMLFVSGERLISDPAGELGRVQDFLGLKRIITDK
HFYFNKTKGFPCLKKAEGSSRPCLGKTKGRTHPEID
REVVRRRLREFYRPFNLKFYQMTGHDFGWDG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.3

Interspecies Antigen Sequence: Mouse (83); Rat (82)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9955

Gene Symbol: HS3ST3A1

Gene Alias: 30ST3A1, 3OST3A1

Gene Summary: Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotransferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This gene is widely expressed, with the most abundant expression in liver and placenta. [provided by RefSeq]