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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HS2ST1 (Human) Recombinant Protein (P01)

dJ604K5.2

Catalog Number: H00009653-P01**Regulation Status:** For research use only (RUO)**Product Description:** Human HS2ST1 full-length ORF (AAH25990.1, 1 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.**Sequence:**

MGLLRIMMPPKLQLLAVVAFVAVAMLFLNFIQKLEESR
SKLERAIARHEVREIEQRHTMDGPRQDATALDEEEDMVI
IYNRVPKTASTSFTNIAIDLCAKNKYHVLHINTTKNNPV
MSLQDQVRFVKNITSWKEMKPGFYHGHVSYLDFAKF
GVKKKPIYINVIRDPPIERLVSYYYFLRFGDDYRPLRRR
KQGDKKTDFDECVAEGGSDCAPEKLWLQIPFFCGHSSE
CW

Host: Wheat Germ (in vitro)**Theoretical MW (kDa):** 53.2**Interspecies Antigen Sequence:** Mouse (96); Rat (97)**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:** 9653**Gene Symbol:** HS2ST1**Gene Alias:** FLJ11317, KIAA0448, MGC131986,

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. This gene encodes a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]