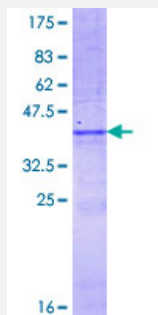


HS3ST4 (Human) Recombinant Protein (Q01)

Catalog # H00009951-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human HS3ST4 partial ORF (NP_006031.1, 358 a.a. - 455 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ERLIVDPAGEMAKVQDFLGLKRVVTKKHFYFNKTKGFCLKKPEDSSAPRCLGKSKGRTHPRIDP DVIHRLRKFYKPFNLMFYQMTGQDFQWEQEEGD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HS3ST4

Entrez GeneID [9951](#)

GeneBank Accession# [NM_006040](#)

Protein Accession# [NP_006031.1](#)

Gene Name HS3ST4

Gene Alias 3-OST-4, 3OST4, 3OST4

Gene Description heparan sulfate (glucosamine) 3-O-sulfotransferase 4

Omim ID [604059](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the enzyme heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4. This enzyme generates 3-O-sulfated glucosaminyl residues in heparan sulfate. Cell surface heparan sulfate is used as a receptor by herpes simplex virus type 1 (HSV-1), and expression of this gene is thought to play a role in HSV-1 pathogenesis. [provided by RefSeq]

Other Designations heparan sulfate 3-O-sulfotransferase 4|heparan sulfate 3-O-sulfotransferase-4|heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4

Disease

- [Tobacco Use Disorder](#)