

Recombinant Full Length Human GAL3ST4 Protein, GST-tagged

Cat. No. GAL3ST4-5220HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAL3ST4 full-length ORF (AAH12976.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	486 amino acids
Description	This gene encodes a member of the galactose-3-O-sulfotransferase protein family. The product of this gene catalyzes sulfonation by transferring a sulfate to the C-3 position of galactose residues in O-linked glycoproteins. This enzyme is highly specific for core 1 structures, with asialofetuin, Gal-beta-1,3-GalNAc and Gal-beta-1,3 (GlcNAc-beta-1,6)GalNAc being good substrates. [provided by RefSeq
Molecular Mass	80.6 kDa
AA Sequence	MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGPPFQRRLPGLQLRQPSAPSL RPALPSCPPRQRLVFLKTHKSGSSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQ ASRVKGYRPQGGGTQLPFHILCHHMRFNLKEVLQVMPSDSFFFSSIVRDPAAALRSA FSYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLLWFDFGLPFPPEKRA KRGNIHPPRDPNPPQLQVLP SGAGPRAQTLNPNALIHVPSTVTDHRSQISSPASFDL GSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGH KQGLSTVSNSGLTAEDRQLTARARAWNLDWALYVHFNRSLWARIEKYQGQRLQT

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AVAELRARREALAKHCLVGGEASDPKYITDRRFRPFQFGSAKVLGYILRSGLS PQDQ
EECERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSP

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

[GAL3ST4 galactose-3-O-sulfotransferase 4 \[Homo sapiens \]](#)

Official Symbol

[GAL3ST4](#)

Synonyms

GAL3ST4; galactose-3-O-sulfotransferase 4; FLJ12116; galbeta1-3GalNAc 3-sulfotransferase; beta-galactose-3-O-sulfotransferase 4; beta-galactose-3-O-sulfotransferase, 4; gal-beta-1,3-GalNAc 3-sulfotransferase; GAL3ST-4;

Gene ID

[79690](#)

mRNA Refseq

[NM_024637](#)

Protein Refseq

[NP_078913](#)

MIM

[608235](#)

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UniProt ID

Q96RP7

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