

Recombinant Human GAL3ST4 Protein, GST-tagged

Cat. No. GAL3ST4-4674H **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	Wheat Germ
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	MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGGPFQRRLPGLQLRQPSAPSL RPALPSCPPRQRLVFLKTHKSGSSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQ ASRVKGYRPQGGGTQLPFHILCHHMRFNLKEVLQVMPSDSFFFSIVRDPAAALRSA FSYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLLWFDFGLPFPPEKRA KRGNIHPPRDPNPPQLQVLPSGAGPRAQTLNPNALIHVPSTVTDHRSQISSPASFDL GSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGH KQGLSTVSNSGLTAEDRQLTARARAWNLDWALYVHFNRSLWARIEKYQGQRLQT AVAELRARREALAKHCLVGGEASDPKYITDRRFRPFQFGSAKVLGYILRSGLSPQDQ EECERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSP

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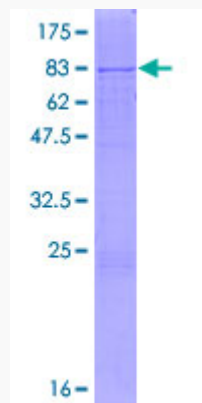
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 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
UniProt ID	Q96RP7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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