

Recombinant Human GAL3ST4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GAL3ST4-717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GAL3ST4 MS Standard C13 and N15-labeled recombinant protein (NP_078913) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	54.2 kDa
AA Sequence	MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGGPFQRRLPGLQLRQPSAPSL RPALPSCPPRQRLVFLKTHKSGSSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQ ASRVKGYRPQGGGTQLPFHILCHHMRFNLKEVLQVMPSDSFFFSIVRDPAALARSA FSYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLLWFDFGLPFPPEKRA KRGNIHPPRPDPNPPQLQVLPSGAGPRAQTLNPNALIHPVSTVTDHRSQISSPASFDL GSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGH KQGLSTVSNGLTAEDRQLTARARAWNLDWALYVHFNRSLWARIEKYQGGRQLQT AVAELRARREALAKHCLVGGEASDPKYITDRRFRPFQFGSAKVLGYILRSGLSPQDQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EECERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSPTRTRPLEQKLISEEDLAAND ILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GAL3ST4 galactose-3-O-sulfotransferase 4 [Homo sapiens (human)]
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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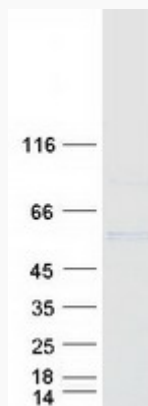
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UniProt ID

Q96RP7

SDS-PAGE

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