

Product datasheet for PH303401

GAL3ST4 (NM_024637) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GAL3ST4 MS Standard C13 and N15-labeled recombinant protein (NP_078913)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203401
Predicted MW:	54.2 kDa
Protein Sequence:	>RC203401 protein sequence Red=Cloning site Green=Tags(s)
	<p>MGPLSPARTLRLWGRSLGVALGVFMTIGFALQLLGGPFQRRPLGLQLRQPSAPSLRPALPSCPPRQRLV FLKTHKSGSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQASRVKGYRPQGGGTQLPFHILCHHMRFN LKEVLQVMPSDSFFFIVRDPAAALARSASFYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLL WFDGFLPFPEKRAKRGNIHPPRDPNPPQLQVLPAGPRAQTLNPNALIHVSTVTDHRSQISSPASFD LGSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGHKQGLSTVSNSGLTA EDRLTARARAWNLDWALYVHFNRSLWARIEKYGGRLQTAVAEELRARREALAKHCLVGGEASDPKYIT DRRFRPFQFGSAKVLGYILRSGLSPQDQECCERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_078913</u>
RefSeq Size:	2561
RefSeq ORF:	1458
Synonyms:	GAL3ST-4



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Locus ID: 79690

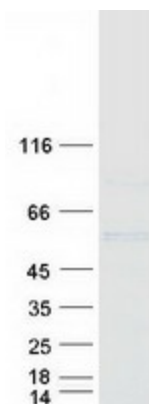
UniProt ID: [Q96RP7](#)

Cytogenetics: 7q22.1

Summary: 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, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified GAL3ST4 protein (Cat# [TP303401]). The protein was produced from HEK293T cells transfected with GAL3ST4 cDNA clone (Cat# [RC203401]) using MegaTran 2.0 (Cat# [TT210002]).