

Product datasheet for TP303401

GAL3ST4 (NM_024637) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human galactose-3-O-sulfotransferase 4 (GAL3ST4), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203401 protein sequence
Red=Cloning site Green=Tags(s)

MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGGPFQRRPLGLQLRQPSAPSLRPALPSCPPRQRLV
FLKTHKSGSSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQASRVKGYRPOGGGTQLPFHILCHHMRFN
LKEVLQVMPSDSFFFSIVRDPAAALARSAFSYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLL
WFDFGLPFPPEKRAKRGNIHPPRDPNPPQLQVLPSGAGPRAQTLNPNALIHVPSTVTDHRSQISSPASFD
LGSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVWGMHNAQAGHKQGLSTVSNGLTA
EDRQLTARARAWNLDWALYVHFNRSLWARIEKYQGRLQTAVAELRARREALAKHCLVGGGEASDPKYIT
DRFRFPFQFGSAKVLGYILRSGLSPLDQEECERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 54 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_078913](#)



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Locus ID: 79690

UniProt ID: [Q96RP7](#)

RefSeq Size: 2561

Cytogenetics: 7q22.1

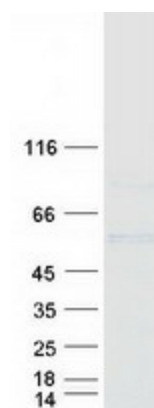
RefSeq ORF: 1458

Synonyms: GAL3ST-4

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]).