

Product datasheet for **TP508588**

Galnt2 (BC053063) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (cDNA clone MGC:62366, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR208588 representing BC053063

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MALHNPQGDWNDIDSIKKKDLHHSRGDEKAQGVETLPPGKVRWPDFNQEAYVGGTMVRSQGDPYARNKFN
QVESDKLHMDRGIPDTRHDQCQRKQWRVDLPATSVVITFHNEARSALLRTRVSVLKRSPPHLIKEIILVD
DYSNDPEDGALLGKIEKVRVLRNDRREGLMRSRVRGADAAQAKVLTFLDSHCECNERWLEPLLERVAEDR
TRVVSPIIDVINMDNFQYVGASADLKGDFDWNLVFKWDYMTPEQRRSRQGNPVAPIKTPMIAGGLFVMDK
LYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLEIIPCSRVGHVFRKQHPYTFPGGSGTVFARNTRRAA
EWMWDEYKHFYAAVPSARNVPYGNIQSRLELRKKGCKPFKWYLDNVPELRVDPHQDIAFGALQQGTN
CLDTLGHFADGVVGIYECHNAGGNQEWALTKEKSVKHMDLCLTVVDRSPGSLIRLQGCRENDSRQKWEQI
EGNSKLRHVGSNLCLDSRTAKSGGLSVEVCGPALSQQWKFSNLNQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 145.8 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

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 after receiving vials.

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



[View online »](#)

Locus ID: 108148

UniProt ID: [Q6PB93](#)

RefSeq Size: 3975

Cytogenetics: 8 E2

RefSeq ORF: 1608

Synonyms: AI480629

Summary: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has a broad spectrum of substrates for peptides such as EA2, Muc5AC, Muc1a, Muc1b. Probably involved in O-linked glycosylation of the immunoglobulin A1 (IgA1) hinge region (By similarity).[UniProtKB/Swiss-Prot Function]