

Polypeptide N-acetylgalactosaminyltransferase 10 (Galnt10) Recombinant Protein | Galnt10 recombinant protein

Recombinant Mouse Polypeptide N-acetylgalactosaminyltransferase 10 (Galnt10), partial

CATALOG # AAA233572	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Polypeptide N-acetylgalactosaminyltransferase 10 (Galnt10); Recombinant Mouse Polypeptide N-acetylgalactosaminyltransferase 10 (Galnt10); partial; Galnt10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	455-603. Fragment at the C-terminal, including the Ricin B-type lectin Domain
Sequence	PPAAAWGEIR NVGTGLCTDT KLGTLGSPLR LETCIRGRGE AAWNSMQVFT FTWREDIRPG DPQHTKKFCF DAVSHTSPVT LYDCHSMKGN QLWKYRKDKT LYHPVSGSCM DCSSESHRVF MNTCNPSSLT QQWLFHTNS TVLENFNKN
Sequence Length	603
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Galnt10 recombinant protein	This gene belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) gene family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates. Two transcript variants encoding distinct isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46877107
NCBI GeneID	171212
NCBI Accession #	NP_598950.2
NCBI GenBank Nucleotide #	NM_134189.2
UniProt Accession #	Q6P9S7 ; Q6KAQ2 ; Q8BZU8 ; Q91YJ6
Molecular Weight	69,116 Da
NCBI Official Full Name	polypeptide N-acetylgalactosaminyltransferase 10
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 10

NCBI Official Symbol	Galnt10
NCBI Official Synonym Symbols	Galnt9; AU018154; GalNAc-T9; ppGaNTase; GalNAc-T10; C330012K04Rik
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 10
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 10
UniProt Gene Name	Galnt10
UniProt Synonym Gene Names	GalNAc-T10; pp-GaNTase 10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/galnt10-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/233572>