Datasheet for ABIN6388150

Galnt1 Protein (AA 41-559) (His tag)

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1 Image

Overview

Quantity:	100 µg
Target:	Galnt1
Protein Characteristics:	AA 41-559
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Galnt1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPGLPAGDV LELVQKPHEG PGEMGKPVVI PKEDQEKMKE MFKINQFNLM ASEMIALNRS LPDVRLEGCK TKVYPDNLPT TSVVIVFHNE AWSTLLRTVH SVINRSPRHM IEEIVLVDDA SERDFLKRPL ESYVKKLKVP VHVIRMEQRS GLIRARLKGA AVSRGQVITF LDAHCECTAG WLEPLLARIK HDRRTVVCPI IDVISDDTFE YMAGSDMTYG GFNWKLNFRW YPVPQREMDR RKGDRTLPVR TPTMAGGLFS IDRDYFQEIG TYDAGMDIWG GENLEISFRI WQCGGTLEIV TCSHVGHVFR KATPYTFPGG TGQIINKNNR RLAEVWMDEF KNFFYIISPG VTKVDYGDIS SRLGLRRKLQ CKPFSWYLEN IYPDSQIPRH YFSLGEIRNV ETNQCLDNMA RKENEKVGIF NCHGMGGNQV FSYTANKEIR TDDLCLDVSK LNGPVTMLKC HHLKGNQLWE YDPVKLTLQH VNSNQCLDKA TEEDSQVPSI RDCTGSRSQQ WLLRNVTLPE IFHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

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Target Details

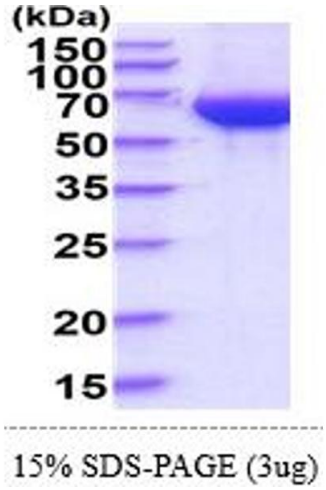
Target:	Galnt1
Alternative Name:	Galnt1 (Galnt1 Products)
Background:	Galnt1, also known as polypeptide N-acetylgalactosaminyltransferase 1, is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. It catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Also, this protein is involved in the glycosylation of proteins essential for bone formation such as osteopontin and bone sialoprotein. Recombinant mouse Galnt1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	60.5kDa (528aa) 50-70KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_038842
UniProt:	O08912

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.

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