

Recombinant Human GALNT2 protein, His-tagged

Cat. No. GALNT2-229H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT2 protein(NP_004472.1) (Lys52-Gln571) was expressed in HEK293 with an N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	52-571 aa
Form	Lyophilized from sterile 25 mM Tris, 150 mM NaCl, 0.05% Brij-35, pH 7.5.
Molecular Mass	The recombinant human GALNT2 comprises 540 amino acids and has a predicted molecular mass of 61.6 kDa. The apparent molecular mass of the protein is approximately 57-65 and 46 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	(94.8±3.9) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

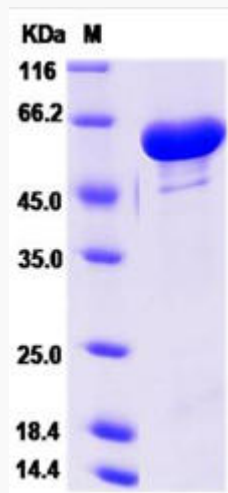
Gene Name	GALNT2 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) [Homo sapiens]
Official Symbol	GALNT2
Synonyms	GALNT2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2); polypeptide N-acetylgalactosaminyltransferase 2; GalNAc T2; pp-GaNTase 2; UDP-GalNAc transferase 2; polypeptide GalNAc transferase 2; protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; GalNAc-T2;
Gene ID	2590
mRNA Refseq	NM_004481
Protein Refseq	NP_004472
MIM	602274
UniProt ID	Q10471

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SDS-PAGE



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