

Beta-1,3-Galactosyltransferase 5 Recombinant Protein | b3GALT5 recombinant protein

Recombinant Beta-1,3-Galactosyltransferase 5 (b3GALT5)

CATALOG # AAA144295	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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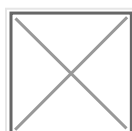
PRODUCT SYNONYMS

Beta-1; 3-Galactosyltransferase 5; Recombinant Beta-1; 3-Galactosyltransferase 5 (b3GALT5); b3GALT5 recombinant protein

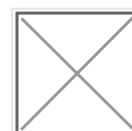
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag, its sequence is listed below. NPFKEQS FVYKKDGNFL KLPDTCRQT PPFLVLLVTS SHKQLAERMA IRQTWGKERM VKGKQLKTFF LLGTTSSAAE TKEVDQESQR HGDIIQKDFL DVYYNLT LKT MMGIEWVHRF CPQAAFVMKT DSDMFINV DY LTELLKKNR TTRFFT GFLK LNEFPIRQPF SKWFSKSEY PWDYPPFCSTGTGYVFSGDV ASQVYNVSKS VPYIKLEDVF VGLCLERLNI RLEELHSQPT FPGGLRFSV CLFRRIVACH FIKPRTLLDY WQALENSRGE DCPV
Sequence Length	310
Applicable Applications for b3GALT5 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	62.9kDa
Accurate Molecular Mass (KD)	63kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Homo sapiens (Human)
Fragment	Asn29~Val310
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451883
NCBI GeneID	10317
NCBI Accession #	NP_149361.1
NCBI GenBank Nucleotide #	NM_033171.2
Molecular Weight	36,189 Da
NCBI Official Full Name	beta-1,3-galactosyltransferase 5 isoform a
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5
NCBI Official Symbol	B3GALT5
NCBI Official Synonym Symbols	B3T5; GLCT5; B3GalTx; B3GalT-V; beta3Gal-T5; beta-3-Gx-T5; beta-1,3-GalTase 5
NCBI Protein Information	beta-1,3-galactosyltransferase 5
UniProt Protein Name	Beta-1,3-galactosyltransferase 5
UniProt Gene Name	B3GALT5
UniProt Synonym Gene Names	Beta-1,3-GalTase 5; Beta3Gal-T5; Beta3GalT5; b3Gal-T5
UniProt Entry Name	B3GT5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/b3galt5-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144295>