

Datasheet for ABIN7557194

GXYLT1 Protein (AA 1-404) (His tag)



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Overview

Quantity:	1 mg
Target:	GXYLT1
Protein Characteristics:	AA 1-404
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GXYLT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Gxylt1 Protein expressed in mammalian cells.
Sequence:	MRRYL RVVGL CLACGFCSLL YAFSQLAVSL EEGAAGRRP QAAVSWLAD GGRGTGRGAG SAGPGRTGRY DMKTRPDEKM HLAVVACGER LEETVTMLKS ALIFSIKPLH VHIFAEDQLH DSFKDRLASW SFLRRFDYSL YPITFPGDSA ADWKKLFKPC ASQRLFLPLI LKEVDSL LYV DTDILFLRPV DDIWSLLKKF NSTQIAAMAP EHEEPRIGWY NRFARHPYYG RTGVNSGVML MNMTRMRRKY FKNDMTTARL QWGDILMPLL KKYKLNITWG DQDLLNIVFS HNPESL FVFP CQWNYRPDHC IYGSNCREAE EEGVFILHGN RGVYHDDKQP AFRAVYEALR NCSLEDDSVR SLLKPLELEL QKTVHTYCGK TYKIFIQQLT KSIRNRYDTP PKER Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GXYLT1
Alternative Name:	Gxylt1 (GXYLT1 Products)
Background:	Glucoside xylosyltransferase 1 (EC 2.4.2.42) (Glycosyltransferase 8 domain-containing protein 3),FUNCTION: Glycosyltransferase which elongates the O-linked glucose attached to EGF-like repeats in the extracellular domain of Notch proteins by catalyzing the addition of xylose. {ECO:0000250 UniProtKB:Q4G148}.
Molecular Weight:	46.5 kDa
UniProt:	Q3UHH8
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months