

Datasheet for ABIN7562977

GGTA1 Protein (AA 1-394) (His tag)



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Overview

Quantity:	1 mg
Target:	GGTA1
Protein Characteristics:	AA 1-394
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGTA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ggta1 Protein expressed in mammalien cells.
Sequence:	<p>MITMLQDLHV NKISMSRSKS ETSLPSSRSG SQEKIMNVKG KVILLMLIVS TVVVWFWEYV</p> <p>NRIPVGENR WQKDWWFPSW FKNGTHSYQE DNVEGRREKG RNGDRIEEPQ LWDWFNPKNR</p> <p>PDVLTVPWK APIVWEGTYD TALLEKYYAT QKLTVGLTVF AVGKYIEHYL EDFLESADMY</p> <p>FMVGHRVIFY VMIDDTSRMP VVHLNPLHSL QVFEIRSEKR WQDISMMRMK TIGEHILAH</p> <p>QHEVDLFCM DVDQVFQDNF GVETLGQLVA QLQAWWYKAS PEKFTYERRE LSAAYIPFGE</p> <p>GDFYYHAAIF GGTPTHILNL TRECFKGILQ DKKHDIEAQW HDESHLNKYF LFNKPTKILS</p> <p>PEYCWYDQIG LPSDIKSVKV AWQTKEYNLV RNNV Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	Key Benefits:

Product Details

- 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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	GGTA1
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Alternative Name:	Ggta1 (GGTA1 Products)
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Background:	N-acetyllactosaminide alpha-1,3-galactosyltransferase (EC 2.4.1.87) (UDP-galactose:beta-D-galactosyl-1,4-N-acetyl-D-glucosaminide alpha-1,3-galactosyltransferase) (Galactosyltransferase),FUNCTION: Synthesizes the galactose-alpha(1,3)-galactose group by catalyzing the transfer of a galactose residue, with an alpha-1,3 linkage, on terminal lactosaminide (Gal-beta-1,4-GlcNAc-R) disaccharide borne by a glycoprotein or a glycolipid. Preferentially glycosylates proteins, can synthesize galactose-alpha(1,3)-galactose on glycoproteins but cannot synthesize the glycolipid called isoglobotrihexosylceramide or isogloboside 3 (iGb3). {ECO:0000269 PubMed:12626403}.
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Molecular Weight:	46.5 kDa
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UniProt:	P23336
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. 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