

Datasheet for ABIN7547982

GLYATL2 Protein (AA 1-294) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GLYATL2
Protein Characteristics:	AA 1-294
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLYATL2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GLYATL2 Protein expressed in mammalien cells.
Sequence:	MLVVLHNSQKL QILYKSLEKS IPESIKVYGA IFNIKDKNPF NMEVLVDWAWP DYQIVITRPQ KQEMKDDQDH YTNTYHIFTK APDKLEEVLS YSNVISWEQT LQIQGCQEGL DEAIRKVATS KSVQVDYMKT ILFIPELPPK HKTSSNDKME LFEVDDDNKE GNFSNMFLDA SHAGLVNEHW AFGKNERSLK YIERCLQDFL GFGVLGPEGQ LVSWIVMEQS CELRMGYTVP KYRHQGNMLQ IGYHLEKYLS QKEIPFYFHV ADNNEKSLQA LNNLGFKICP CGWHQWKCTP KKYC 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.

Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------

Product Details

- 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
---------	-----------------------------------------------------

Grade:	custom-made
--------	-------------

Target Details

Target:	GLYATL2
---------	---------

Alternative Name:	GLYATL2 (GLYATL2 Products)
-------------------	----------------------------------------------

Background:	Glycine N-acyltransferase-like protein 2 (EC 2.3.1.13) (Acyl-CoA:glycine N-acyltransferase-like protein 2),FUNCTION: Mitochondrial acyltransferase which transfers the acyl group to the N-terminus of glycine (PubMed:22475485, PubMed:20305126). Conjugates numerous substrates, such as arachidonoyl-CoA and saturated medium and long-chain acyl-CoAs ranging from chain-length C8:0-CoA to C18:0-CoA, to form a variety of N-acylglycines. Shows a preference for monounsaturated fatty acid oleoyl-CoA (C18:1-CoA) as an acyl donor. Does not exhibit any activity toward C22:6-CoA and chenodeoxycholoyl-CoA, nor toward serine or alanine (PubMed:20305126). {ECO:0000269 PubMed:20305126, ECO:0000269 PubMed:22475485}.
-------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Molecular Weight:	34.3 kDa
-------------------	----------

UniProt:	Q8WU03
----------	------------------------

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Application Details

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