

Datasheet for ABIN7560087

GLYAT Protein (AA 1-296) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GLYAT
Protein Characteristics:	AA 1-296
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLYAT protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Glyat Protein expressed in mammalien cells.
Sequence:	<p>MIVPLQGAQM LQMLEKSLRK YLPESLKVYG TVYHMIHGPN FNLKALVDKW PDFNTVVVRP QEQEMTDDLD FYINTYQVYS KDPQNCQEFL ESSEVINWKQ HLQIQSSQSH LNKTIQNLAS IQSFQIKHSE NILVVSSETI KKLFPSSLDT KNLSTGSGKP KAIDQDKFKL SSLDVVHAAL VNKFWLFGGN ERSQRFIERC IKNFPSSCVL GPEGTPASWT LMDQTGEMRM GGTMPPEYRLQ GLVSFVHSQ DQIMTKRGYP VYSHTEKSNI AMQKMSYTLQ HLPMPCAWNQ WKCMPPM</p> <p>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.</p>
Characteristics:	<p>Key Benefits:</p> <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:	GLYAT
Alternative Name:	Glyat (GLYAT Products)
Background:	Glycine N-acyltransferase (EC 2.3.1.13) (Acyl-CoA:glycine N-acyltransferase) (AAc) (Aralkyl acyl-CoA N-acyltransferase) (Aralkyl acyl-CoA:amino acid N-acyltransferase) (Benzoyl-coenzyme A:glycine N-acyltransferase) (Glycine N-benzoyltransferase) (EC 2.3.1.71),FUNCTION: Mitochondrial acyltransferase which transfers an acyl group to the N-terminus of glycine and glutamine, although much less efficiently. Can conjugate a multitude of substrates to form a variety of N-acylglycines, thereby detoxify xenobiotics, such as benzoic acid or salicylic acid, and endogenous organic acids, such as isovaleric acid. {ECO:0000250 UniProtKB:Q6IB77}.
Molecular Weight:	34.1 kDa
UniProt:	Q91XE0

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 guarantee though.
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Application Details

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