

Recombinant Human GLYATL2, His-tagged

Cat. No. GLYATL2-5055H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GLYATL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	GLYATL2 belongs to the glycine N-acyltransferase family. This protein is expressed at highest levels in salivary gland and trachea. It is a mitochondrial acyltransferase which transfers the acyl group to the N-terminus of glycine. GLYATL2 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	36.7kDa (317aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLVLHNS QKLQILYKSL EKSIPESIKV YGAIFNIKDK NPFNMEVLVD AWPDYQIVIT RPQKQEMKDD QDHYTNTYHI FTKAPDKLEE VLSYSNVISW EQTLQIQGCQ EGLDEAIRKV ATSKSVQVDY MKTILFIPEL PKKHKTSSND KMELFEVDDD NKEGNFSNMF LDASHAGLVN EHWAFGKNER SLKYIERCLQ DFLGFGVLGP EGQLVSWIVM EQSCELRMGY TVPKYRHQGN MLQIGYHLEK YLSQKEIPFY FHVADNNEKS LQALNNLGFK

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	ICPCGWHQWK CTPKKYC
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by BRADFORD assay)
GENE INFORMATION	
Gene Name	GLYATL2 glycine-N-acyltransferase-like 2 [Homo sapiens]
Official Symbol	GLYATL2
Synonyms	GLYATL2; glycine-N-acyltransferase-like 2; glycine N-acyltransferase-like protein 2; BXMAS2 10; MGC24009; glycine acyltransferase family-B; acyl-CoA:glycine N-acyltransferase-like protein 2; GATF-B; BXMAS2-10;
Gene ID	219970
mRNA Refseq	NM_145016
Protein Refseq	NP_659453
UniProt ID	Q8WU03
Chromosome Location	11q12.1

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Function

glycine N-acyltransferase activity; transferase activity, transferring acyl groups;

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