Recombinant Human glycine-N-acyltransferase-like 2, His-tagged

Cat. No. GLYATL2-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GLYATL2, 1-294aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-294 a.a.
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. Recombinant human GLYATL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	FTKAPDKLEE VLSYSNVISW EQTLQIQGCQ EGLDEAIRKV ATSKSVQVDY MKTILFIPEL PKKHKTSSND KMELFEVDDD NKEGNFSNMF LDASHAGLVN EHWAFGKNER SLKYIERCLQ DFLGFGVLGP EGQLVSWIVM EQSCELRMGY TVPKYRHQGN MLQIGYHLEK YLSQKEIPFY FHVADNNEKS LQALNNLGFK ICPCGWHQWK CTPKKYC
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. 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

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Chromosome Location	11q12.1
Function	glycine N-acyltransferase activity; transferase activity, transferring acyl groups;

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