

AR51371PU-N

Human GLYATL2 (1-294, His-tag) - Purified

Alternate names:	Acyl-CoA:glycine N-acyltransferase-like protein 2, Glycine N-acyltransferase-like protein 2
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by BRADFORD assay)
Background:	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.
Uniprot ID:	Q8WU03
NCBI:	NP_659453
GeneID:	219970
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 50% glycerol, 2mM DTT
Description:	Recombinant human GLYATL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMLVLHNS QKLQILYKSL EKSIPESIKV YGAIFNIKDK NPFNMEVLVD AWPDYQIVIT RPQKQEMKDD QDHYTNTYHI FTKAPDKLEE VLSYSNVISW EQTLQIQGCQ EGLDEAIRKV ATSKSVQVDY MKTILFIPEL PKKHKTSND KMELFEVDDD NKEGNFSNMF LDASHAGLVN EHWAFGKNER SLKYIERCLQ DFLGFGVLGP EGQLVSWIVM EQSCELRMGY TVPKYRHQGN MLQIGYHLEK YLSQKEIPFY FHVADNNEKS LQALNNLGFK ICPCGWHQWK CTPKKYC Molecular weight: 36.7 kDa (317aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Waluk,D.P., et al. (2012) J. Biol. Chem. 287 (20), 16158-16167 Matsuo,M., et al. (2012) Biochem. Biophys. Res. Commun. 420 (4), 901-906

Pictures:

