

**GLYATL2, 1-294aa, Human, His tag, E.coli**

**Cat.NO.: TP02273**

3th Edition

**Synonyms:**glycine N-acyltransferase-like protein 2 , BXMAS2-10, GATF-B

**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 Weight:**36.7kDa (317aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMVLHNSQKLQILYKSLEKSIPESIKVYGAIFNIKDKNPFNMEVLVDAWPDYQI  
VITRPQKQEMKDDQDHYTNTYHIFTKAPDKLEEVLSSNVISWEQTLQIQGCQEGLEAIRKVATSKSVQVDYMKTI  
LFIPELPKKHKTSSNDKMELFEVDDDNKEGNFSNMFLDASHAGLVNEHWAFGKNERSLKYIERCLQDFLGFGVLGP  
EGQLVSWIVMEQSCELRMGYTPKYRHQGNMLQIGYHLEKYLSQKEIPFYFHVADNNEKSLQALNNLGFKICPCG  
WHQWKCTPKKYC

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by BRADFORD assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.