

32-2374: GLYATL2 Recombinant Protein

Alternative Name : BXMAS2-10,GATF-B,Glycine N-acyltransferase-like protein 2,Acyl-CoA:glycine N-acyltransferase-like protein 2,GLYATL2.

Description

Source : Escherichia Coli. GLYATL2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (1-294a.a) and having a molecular mass of 36.7kDa. GLYATL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Glycine-N-Acyltransferase-Like 2 (GLYATL2) is a part of the glycine N-acyltransferase family expressed mainly in salivary gland and trachea. GLYATL2 is a mitochondrial acyltransferase that transfers the acyl group to the N-terminus of glycine. GLYATL2 conjugates numerous substrates, like arachidonoyl-CoA and saturated medium and longchain acyl-CoAs ranging from chain-length C8:0-CoA to C18:0-CoA, to form a variety of N-acylglycines. GLYATL2 also shows a preference for monounsaturated fatty acid oleoyl-CoA (C18:1-CoA) as an acyl donor.

Product Info

Amount : 10 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The GLYATL2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 50% glycerol and 2mM DTT.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SGLVPRGSH 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
ICPCGWHQWK CTPKKYC.

