

PRODUCT INFORMATION

Target	AGPAT7
Synonyms	AGPAT7; AYTL3; LPAAT-eta; LPEAT2
Description	Recombinant protein of human lysophosphatidylcholine acyltransferase 4 (LPCAT4)
Delivery	2-3 weeks
Uniprot ID	Q643R3
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	57 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3.1.51) family, such as AGPAT7, catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction (Ye et al., 2005 [PubMed 16243729]).[supplied by OMIM, May 2008]
Usage	Research use only
Conjugate	Unconjugated

