

Product datasheet for PH310280

AGPAT5 (NM_018361) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AGPAT5 MS Standard C13 and N15-labeled recombinant protein (NP_060831)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210280
Predicted MW:	42.1 kDa
Protein Sequence:	>RC210280 protein sequence Red =Cloning site Green =Tags(s) MLLSVLHTYSMRYLLPSVLLGTAPTYVLAWGVWRLLSAFLPARFYQALDDRLYCVYQSMVLFFFENYT GVQILLYGDLPKNKENIYLANHQSTVDWIVADILAIRQNALGHVRYVLKEGLKWLPLYGCYFAQHGGIY VKRSAKFNEKEMRNKLQSYVDAGTPMYLVIFPEGTRYNPEQTKVLSASQAFAAQRGLAVLKHVLTPRIKA THVAFDCMKNYLDAIYDVTVVYEGKDDGGQRRESPTMTEFLCKECPKIHIIHIDRIDKDKVPEEQEHMRRW LHERFEIKDKMLIEFYSPDPERRKRFPKGKSVNSKLSIKKTLPSMLILSGLTAGMLMTDAGRKLYVNTWI YGTLLGCLWWTIKA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060831
RefSeq Size:	5535
RefSeq ORF:	1092
Synonyms:	1AGPAT5; LPAATE
Locus ID:	55326



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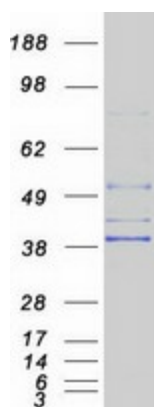
UniProt ID: [Q9NUQ2](#), [A0A024R640](#)

Cytogenetics: 8p23.1

Summary: This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. A pseudogene of this gene is present on the Y chromosome. [provided by RefSeq, Aug 2014]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified AGPAT5 protein (Cat# [TP310280]). The protein was produced from HEK293T cells transfected with AGPAT5 cDNA clone (Cat# [RC210280]) using MegaTran 2.0 (Cat# [TT210002]).