

Recombinant Mouse Agps Protein, Myc/DDK-tagged

Cat. No. Agps-1559M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length alkylglycerone phosphate synthase (Agps), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the exchange of the acyl chain in acyl-dihydroxyacetonephosphate (acyl-DHAP) for a long chain fatty alcohol, yielding the first ether linked intermediate, i.e. alkyl-dihydroxyacetonephosphate (alkyl-DHAP), in the pathway of ether lipid biosynthesis.
Molecular Mass	74.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Agps alkylglycerone phosphate synthase [Mus musculus (house mouse)]
Official Symbol	Agps
Synonyms	Agps; alkylglycerone phosphate synthase; A; bs; bs2; Adas; Adps; Adaps; Adhps; Aldhpsy; AW123847; 5832437L22; 9930035G10Rik; alkylidihydroxyacetonephosphate synthase, peroxisomal; alkyl-DHAP synthase; EC 2.5.1.26
Gene ID	228061
mRNA Refseq	NM_172666
Protein Refseq	NP_766254
UniProt ID	Q8C0I1

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