Recombinant Mouse Alkyldihydroxyacetonephosphate synthase, peroxisomal (Agps)

Product Code	CSB-MP806947MO
Abbreviation	Agps
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8C0I1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	KARRA ASAAGASPAA TPAAPESGTI PKKRQEVMKW NGWGYNDSKF LLNKKGQVEL TGKRYPLSGL VLPTLRDWIQ NTLGVSLEHK TTSKTSINPS EAPPSIVNED FLQELKEARI SYSQEADDRV FRAHGHCLHE IFLLREGMFE RIPDIVVWPT CHDDVVKIVN LACKYNLCII PIGGGTSVSY GLMCPADETR TIISLDTSQM NRILWVDENN LTAHVEAGIT GQDLERQLKE SGYCTGHEPD SLEFSTVGGW ISTRASGMKK NIYGNIEDLV VHMKMVTPRG VIEKSSQGPR MSTGPDIHHF IMGSEGTLGV ITEATIKIRP TPEYQKYGSV AFPNFEQGVA CLREIAKQRC APASIRLMDN QQFQFGHALK PQVSSIFTSF LDGLKKFYIT KFKGFDPNQI SVATLLFEGD REKVLQHEKQ VYDIAAKFGG LAAGEDNGQR GYLLTYVIAY IRDLGLEYYV IGESFETSAP WDRVIDLCRN VKERIRRECK ERGVQFAPLS TCRVTQTYDA GACIYFYFAF NYRGISDPLT VFEHTEAAAR EEILANGGSL SHHHGVGKIR KQWLKESISD VGFGMLKSVK EYVDPSNIFG NRNLL
Source	Mammalian cell
Target Names	Agps
Protein Names	Recommended name: Alkyldihydroxyacetonephosphate synthase, peroxisomal Short name= Alkyl-DHAP synthase EC= 2.5.1.26 Alternative name(s): Alkylglycerone-phosphate synthase
Expression Region	46-645
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is a member of the FAD-binding oxidoreductase/transferase type 4 family. It encodes a protein that catalyzes the second step of ether lipid

	biosynthesis in which acyl-dihydroxyacetonephosphate (DHAP) is converted to alkyl-DHAP by the addition of a long chain alcohol and the removal of a long-chain acid anion. The protein is localized to the inner aspect of the peroxisomal membrane and requires FAD as a cofactor. Mutations in this gene have been associated with rhizomelic chondrodysplasia punctata, type 3 and Zellweger syndrome.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.