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Datasheet for ABIN1649620  
**AGPS Protein (AA 45-644) (His tag)**

### Overview

Quantity:	1 mg
Target:	AGPS
Protein Characteristics:	AA 45-644
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGPS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	KARRAA SAAGASPAAS PAAPESGTIP KKRQELMKWN GWGYNSKFL LNKKGQVELT GKRYPLSGLA LPTLKDWIQN TLGVNLEHKT TSKPSINPSE APPSIVNEDF LQELKEAHIS YSQDADDRVF RAHGHCLHEI FLLREGMFER IPDIVVWPTC HDDVVKIVNL ACKYNLCIIP IGGGTSVSYG LMCPAETRTR IISLDTSQMN RILWVDENNL TAHVEAGITG QDLERQLKES GYCTGHEPDS LEFSIVGGWI STRASGMKKN VYGNIEDLVV HMKMVTPRGV IEKSSQGPRM STGPDIIHFI MGSEGLGVI TEATIKIRPT PEYQKYGSVA FPNFEQGVAC LREIAKQRCA PASIRLMDNQ QFQFGHALKP QVSSIFTSFL DGFKKFYITK FKGFDPNQIS VATLLFEGDR EKVLQHEKQV YDIAAKFGGL AAGEDNGQRG YLLTYVIAYM RDLGLEYYVV GESFETSAPW DRVIDLCRNV KERIRRECKE RGVQFAPLST CRVTQTYDAG ACIYFYFAFN YRGISDPLTV FEQTEAAARD EILANGGSL S HHHGVGKLRK QWLKESISDV GFGMLKSVKD YVDPSNIFGN RNLL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

## Product Details

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cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

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Target: AGPS

Alternative Name: Alkylidihydroxyacetonephosphate synthase, peroxisomal (Agps) ([AGPS Products](#))

Background: Recommended name: Alkylidihydroxyacetonephosphate synthase, peroxisomal.

Short name= Alkyl-DHAP synthase.

EC= 2.5.1.26.

Alternative name(s): Alkylglycerone-phosphate synthase

UniProt: [Q9EQR2](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.