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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GPAM (Human) Recombinant Protein (P01)

Catalog Number: H00057678-P01

Regulation Status: For research use only (RUO)

Product Description: Human GPAM full-length ORF (AAH30783.1, 1 a.a. - 828 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDEYALTLGTIDVSYLPHSSEYSVGRCKHTSEEWGEC
GFRPTIFRSATLKWKESLMSRKRPFVGRCCYSCTPQS
WDKFFNTSIPSLGLRNVIYINETHTRHRGWLARRLSYV
LFIQERDVHKGMFATNVTVENLVNSSRVQEAIAEVAEL
NPDGSAQQQSKAVNKVKKKAKRILQEMVATVSPAMIR
LTGWVLLKLFNSFFWNIQIHKGQLEMVKAATETNPLL
FLPVHRSHIDYLLLTFILFCHNIKAPYIASGNLNIPIFST
LIHKLGGFFIRRLDETPDGRKDVLYRALLHGHIVELLR
QQQFLEIFLEGTRSRSGKTSCARAGLLSVVVDLSTNV
IPDILIPVGISYDRIIEGHYNGEQLGPKKNESLWSVAR
GVIRMLRKNYGCVRVDFAPQPSLKEYLESQSQKPVSA
LLSLEQALLPAILPSRPSDAADEGRDTSINESRNATDES
LRRRLIANLAEHILFTASKSCAIMSTHIVACLILYRHRQG
IDLSTLVEDFFVMKEEVLARDFDLGFSGNSDVMHAI
QLLGNCVTITHTSRNDEFFITPSTTVPSVFELNFYSNGV
LHVFIMEAIIACSLYAVLNKRGLGGPTSTPPNLISQEQL
VRKAASLCYLLSNEGTLSPCQTFYQVCHETVGKFIQY
GILTVAEHDDQEDISPLAEQQWKKLPEPLSWRSDE
EDEDSDFGEEQRDCYLKVSQSKEHQQFITFLQRLG
LLEAYSSAAIFVHNFGPVPPEPEYLQKLHKYLITRTERN
VAVYAESATYCLVKNVAVKMFKDIGVFKETKQKRVSVLE
LSSTFLPQCNRQKLEIYILSFVVL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 120.3

Interspecies Antigen Sequence: Mouse (92); Rat (91)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 57678

Gene Symbol: GPAM

Gene Alias: GPAT1, KIAA1560, MGC26846, RP11-426E5.2

Gene Summary: Glycerol-3-phosphate acyltransferase (GPAT; EC 2.3.1.15), which catalyzes the initial and committing step in glycerolipid biosynthesis, is predicted to play a pivotal role in the regulation of cellular triacylglycerol and phospholipid levels. Two mammalian forms of GPAT have been identified on the basis of localization to either the endoplasmic reticulum or mitochondria.[supplied by OMIM]