

Recombinant human APMAP protein

Catalog Number: ATGP2962

PRODUCT INFORMATION

Expression system

E.coli

Domain

62-416aa

UniProt No.

Q9HDC9

NCBI Accession No.

NP_065392

Alternative Names

Adipocyte plasma membrane-associated protein, BSCv, C20orf3

PRODUCT SPECIFICATION

Molecular Weight

42.2 kDa (378aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

APMAP also known as Adipocyte plasma membrane-associated protein. APMAP exhibits strong arylesterase activity with beta-naphthyl acetate and phenyl acetate and may play a role in adipocyte differentiation. Recombinant human APMAP, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSESPIDPQ PLSFKEPPLL LGVLHPNTKL RQAERLFENQ LVGPESIAHI GDVMFTGTAD GRVVKLENGE IETIARFGSG PCKTRDDEPV CGRPLGIRAG PNGTLFVADA YKGLFEVNPW KREVKLLSS ETPIEGKNMS

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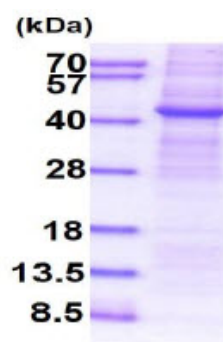
FVNDLTVTQD GRKIYFTDSS SKWQRRDYLL LVMEGTDDGR LLEYDTVTRE VKVLLDQLRF PNGVQLSPAE DFVLVAETTM
ARIRRVYVSG LMKGGADLFV ENMPGFDPNI RPSSSGGYWV GMSTIRPNPG FSMLDFLSER PWIKRMIFKL FSQETVMKFV
PRYSLVLELS DSGAFRRSLH DPDGLVATYI SEVHEHDGHL YLGSFRSPFL CRLSLQAV

General References

Van Damme P. et al. (2012) Proc. Natl. Acad. Sci. u.S.A. 109:12449-12454.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)