

Recombinant human ZAG protein

Catalog Number: ATGP2957

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-298aa

UniProt No.

P25311

NCBI Accession No.

NP_001176

Alternative Names

Zinc-alpha-2-glycoprotein, ZA2G, ZAG

PRODUCT SPECIFICATION

Molecular Weight

34.5 kDa (301aa)

Concentration

0.5mg/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

AZGP1 also known as Zinc-alpha-2-glycoprotein. The protein stimulates lipid degradation in adipocytes and causes the extensive fat losses associated with some advanced cancers. It may bind polyunsaturated fatty acids. Recombinant human AZGP1, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>QENQDGR YSLTYITGL SKHVEDVPAF QALGSLNDLQ FFRYNSKDRK SQPMGLWRQV EGMEDWKQDS QLQKAREDIF METLKDIVEY YNDSNGSHVL QGRFGCEIEN NRSSGAFWKY YYDGKDYIEF

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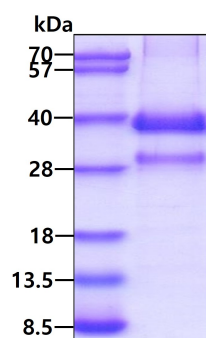
NKEIPAWVPF DPAAQITKQK WEAEPVYVQR AKAYLEEECP ATRKYLKYS KNILDRQDPP SVVVTSHQAP GEKKLKCLA
YDFYPGKIDV HWTRAGEVQE PELRGDVLHN GNGTYQSWV VAVPPQDTAP YSCHVQHSSL AQPLVVPWEA S

General References

Jia W., et al. (2009) Mol. Cell. Proteomics, 8:913-923

DATA

SDS-PAGE



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