

# Product information

## AZGP1, 21-298aa

Human, His-tagged, Recombinant, *E.coli*

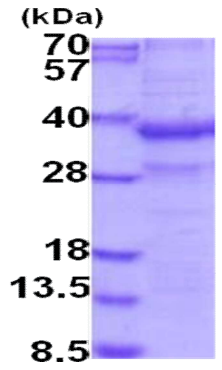
Cat. No. IBATGP2957

**Full name:** Zinc-alpha-2-glycoprotein

**NCBI Accession No.:** NP\_001176

**Synonyms:** ZA2G, ZAG

**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*.

<p><b>Form:</b> Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol</p> <p><b>Molecular Weight:</b> 34.5kDa (301aa)</p> <p><b>Purity:</b> &gt; 85% by SDS - PAGE</p> <p><b>Concentration:</b> 0.5mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHHH SSGLVPRGSH MGSQENQDGR YSLTYIYTGL SKHVEDVPAF QALGSLNDLQ FFRYNSKDRK SQPMGLWRQV EGMEDWKQDS          QLQKAREDIR METLKDIVEY YNDSNGSHVL QGRFGCEIEN NRSSGAFWKY YYDGKDYIEF NKEIPAWVPF DPAAQITKQK WEAEPVYVQR          AKAYLEEECP ATLRKYLKYS KNILDRQDPP SVVVTSHQAP GEKKLKCLA YDFYPGKIDV HWTRAGEVQE PELRGDVLHN NGTYQSWVV          VAVPPQDTAP YSCHVQHSSL AQPLVVPWEA S</p>	

### General references:

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

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.