
Product Data Sheet

Product Name: AZGP1
 Cat. No.: GP22817
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Zinc-alpha-2-glycoprotein; ZA2G; ZAG; Zn-alpha-2-GP; Zn-alpha-2-glycoprotein.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQENQDGR YSLTYIYTGL SKHVEDVPAF QALGSLNDLQ FFRYNSKDRKSQPMGLWRQV EGMEDWKQDS QLQKAREDIF METLKDIVEY YNDSNGSHVL QGRFGCEIEN NRSSGAFWKYYYDYGKDYIEF NKEIPAWVPF DPAAQITKQK WEAEPVYVQR AKAYLEEECP ATRKYLKYS KNILDRQDPPSVVVTSHQAP GEKKLKLCLA YDFYPGKIDV HWTRAGEVQE PELRGDVLHN GNGTYQSWVV VAVPPQDTAPYSCHVQHSSL AQLVVPWEA S.		
Formulation	AZGP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.		

Introduction

Zinc-alpha-2-glycoprotein (AZGP1) protein stimulates lipid degradation in adipocytes and causes the massive fat losses linked with various advanced cancers. AZGP1 may bind polyunsaturated fatty acids.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

AZGP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 301 amino acids (21-298 a.a) and having a molecular mass of 34.5kDa. AZGP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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