

Recombinant Human AZGP1

Cat. No. AZGP1-30041TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mature full length protein, corresponding to amino acids 13-290 of Human Zinc Alpha 2 Glycoprotein , expressed in HEK cells.Twelve extra amino acids were fused with the N-terminus (Strep-tag).
Species	Human
ProteinLength	13-290 a.a.
Description	Zinc-alpha-2-glycoprotein (ZAG) is found in body fluids such as serum, sweat, and seminal and breast cyst fluids.
Tissue specificity	Blood plasma, seminal plasma, urine, saliva, sweat, epithelial cells of various human glands, liver.
Form	Lyophilised:Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20mM Sodium chloride, 20mM Tris, pH 7.5
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	ASWSHPQFEK GS - QENQDGRY SLTYIYTGLS KHVEDVPAFQALGSLNDLQF FRYNSKDRKS QPMGLWRQVE GMEDWKQDSQLQKAREDIFM ETLKDIVEYY

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NDSNGSHVLQ GRFGCEIENNRSSGAFWKYY YDGKDYIEFN KEIPAWVPFD
 PAAQITKQKWEAEPVYVQRA KAYLEEECPA TLRKYLKYSK
 NILDRQDPPSVVVTSHQAPG EKKKLKCLAY DFYPGKIDVH
 WTRAGEVQEPELRGDVLHNG NGTYQSWVVV AVPPQDTAPY SCHVQHSSLA
 QPLVVPWEAS

Sequence Similarities Belongs to the MHC class I family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

Full Length Full L.

GENE INFORMATION

Gene Name [AZGP1 alpha-2-glycoprotein 1, zinc-binding \[Homo sapiens \]](#)

Official Symbol [AZGP1](#)

Synonyms AZGP1; alpha-2-glycoprotein 1, zinc-binding; alpha 2 glycoprotein 1, zinc; zinc-alpha-2-glycoprotein; ZA2G; ZAG;

Gene ID [563](#)

mRNA Refseq [NM_001185](#)

Protein Refseq [NP_001176](#)

MIM [194460](#)

Uniprot ID [P25311](#)

Chromosome 7q22.1

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Location

Function

fatty acid binding; protein transmembrane transporter activity; ribonuclease activity;

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