

Active Recombinant Human AZGP1, His-tagged

Cat. No. AZGP1-296H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AZGP1 (Accession # AAH05306) Met1-Ser298, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	1-298 a.a.
Predicted N Terminal	Gln21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of MC3T3-E1 mouse preosteoblast cells. Ogikubo, O. et al. (1998) Biochem. Biophys. Res. Commun. 252(1):257. The ED50 for this effect is typically 0.1 - 0.6 µg/mL.
Molecular Mass	Recombinant Human AZGP1, His-tagged has a calculated MW of 32.9 kDa. In SDS-PAGE migrates as 41-45 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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; zn-alpha-2-GP; Zn-alpha2-glycoprotein; zn-alpha-2-glycoprotein; Alpha-2-glycoprotein, zinc;
Gene ID	563
mRNA Refseq	NM_001185
Protein Refseq	NP_001176
MIM	194460
UniProt ID	P25311
Chromosome Location	7q22.1

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