

Datasheet for ABIN7505082

AZGP1 Protein (AA 148-298) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AZGP1
Protein Characteristics:	AA 148-298
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AZGP1 protein is labelled with His tag.

Product Details

Sequence:	Asn 148-Ser 298
Characteristics:	A DNA sequence encoding the Human AZGP1 protein (P25311) (Asn148-Ser298) was expressed with a N-His .
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	AZGP1
Alternative Name:	AZGP1 (AZGP1 Products)
Background:	<p>Abbreviation: AZGP1</p> <p>Target Synonym: Zinc-Alpha-2-Glycoprotein,Zn-Alpha-2-GP,Zn-Alpha-2-Glycoprotein,AZGP1,ZAG,ZNGP1</p> <p>Background: Zinc-α-2-Glycoprotein (AZGP1) can be found in blood plasma, seminal plasma,</p>

Target Details

urine, sweat, saliva, liver, and epithelial cells of various human glands. AZGP1 has been proposed in the regulation of body weight, and the melanin production by normal and malignant melanocytes. AZGP1 stimulates lipid degradation in adipocytes and causes the extensive fat losses associated with some advanced cancers. AZGP1 has been reported to stimulate lipid breakdown and may have an important role in lipid homeostasis. Mature human AZGP1 consists of one MHC class I antigen region and a C2-type Ig-like domain. AZGP1 has two alternate splice forms, one shows a 66 amino acids substitution for the C-terminal 30 amino acids, the other one shows a nine Lys substitution for amino acid 151-298.

Molecular Weight:	Calculated MW: 16.5 kDa Observed MW: 22 kDa
UniProt:	P25311
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months