Datasheet for ABIN7319195

AZGP1 Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	AZGP1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AZGP1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ZAG/AZGP1 Protein (His Tag)
Sequence:	Gln21-Ser298
Characteristics:	Recombinant Human Zinc-alhpa-2-Glycoprotein is produced by our Mammalian expression system and the target gene encoding Gln21-Ser298 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AZGP1
Alternative Name:	ZAG/AZGP1 (AZGP1 Products)
Background:	Background: Zinc-α-2-Glycoprotein (AZGP1) can be found in blood plasma, seminal plasma, urine, sweat, saliva, liver, and epithelial cells of various human glands. AZGP1 has been

Target Details

	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. Synonym: Zinc-Alpha-2-Glycoprotein, Zn-Alpha-2-GP, Zn-Alpha-2-Glycoprotein, AZGP1, ZAG, ZNGP1
Molecular Weight:	33.2 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
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 7.5.
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.