Datasheet for ABIN5854487

AZGP1 Protein (AA 21-298) (His tag)

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Overview

Quantity:	50 µg
Target:	AZGP1
Protein Characteristics:	AA 21-298
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AZGP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QENQDGRYSL TYIYTGLSKH VEDVPAFQAL GSLNDLQFFR YNSKDRKSQP MGLWRQVEGM EDWKQDSQLQ KAREDIFMET LKDIVEYYND SNGSHVLQGR FGCEIENNRS SGAFWKYYYD GKDYIEFNKE IPAWVPFDPA AQITKQKWEA EPVYVQRAKA YLEEECPATL RKYLKYSKNI LDRQDPPSVV VTSHQAPGEK KKLKCLAYDF YPGKIDVHWT RAGEVQEPEL RGDVLHNGNG TYQSWVVVAV PPQDTAPYSC HVQHSSLAQP LVVPWEASLE HHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	AZGP1
Alternative Name:	Zinc-alpha-2-glycoprotein (AZGP1 Products)

Target Details

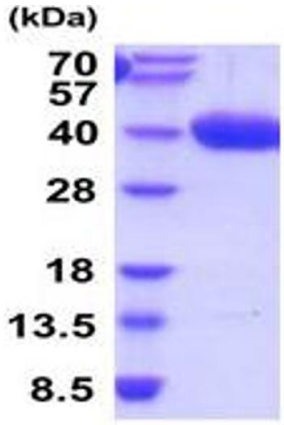
Background:	AZGP1, also known as zinc-alpha-2-glycoprotein, is a member of the MHC class 1 family of proteins. It is reported to associate with PIP (prolactin-inducible protein) but not the MHC light chain, B 2-microglobulin. It is produced by secretory epithelia and is present in most body fluids. It stimulates lipid degradation in adipocytes and causes the extensive fat losses associated with some advanced cancers. Recombinant human AZGP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	33.2kDa (286aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_001176
UniProt:	P25311
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.

