Datasheet for ABIN7596321

ORM1 Protein (AA 19-201) (His tag)

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Overview

Quantity:	500 µg
Target:	ORM1
Protein Characteristics:	AA 19-201
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QIPLCANLVP VPITNATLDR ITGKWFYIAS AFRNEEYNKS VQEIQATFFY FTPNKTEDTI FLREYQTRQD QCIYNTTYLN VQRENGTISR YVGGQEHFAH LLILRDTKTY MLAFDVNDEK NWGLSVYADK PETTKEQLGE FYEALDCLRI PKSDVVYTDW KKDKCEPLEK QHEKERKQEE GES
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	ORM1
Alternative Name:	Alpha 1-Acid Glyco 1/ORM1 (ORM1 Products)
Background:	Alpha 1-Acid Glycoprotein 1 also known as ORM1, is a member of the inositol calycin superfamily. It is an acute phase plasma protein synthesized by the liver. The specific function

Target Details

	of this protein has not yet been determined. However, it may be involved in aspects of immunosuppression. The protein is believed to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, also regulates the extravasation of the cells during infection and inflammation. Expression of ORM1 is induced by acute-phase stimulatory agents such as bacterial lipopolysaccharides. Recombinant human Alpha 1-Acid Glycoprotein 1/ORM1, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	22.4kDa(189aa)
NCBI Accession:	NP_000598
Pathways:	Response to Growth Hormone Stimulus

Application Details

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

Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.