

Product datasheet

Recombinant Human Viperin protein ab164861

1 Image

Overview

Product name	Recombinant Human Viperin protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MWVLTAAAFAGKLLSVFRQPLSSLWRSLVPLFCWLR ATFWLLATKRRKQQ LVLRGPDETKEEEEDPPLPTTPTSVNYHFTRQCNYKC GFCFHTAKTSFVL PLEEAKRGLLLLKEAGMEKINFSGGEPFLQDRGEYLG KLVRFCCKVELRLP SVSIVSNGSLIRERWFQNYGEYLDILAISCDSFDEEVNV LIGRGQGKKNH VENLQKLRRWCRDYRVAFKINSVINRFNVEEDMTEQIK ALNPVRWKVFQC LLIEGENCGEDALREAERFVIGDEEFERFLERHKEVSC LVPESNQMKMDS YLILDEYMRFLNCRKGRKDPSPKSILDVGVEEAIKFSGFD EKMFLKRGGKY IWSKADLKLDW</p>
Amino acids	1 to 361
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab164861** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	ELISA

Form	Liquid
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Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Involved in antiviral defense. May impair virus budding by disrupting lipid rafts at the plasma membrane, a feature which is essential for the budding process of many viruses. Acts through binding with and inactivating FPPS, an enzyme involved in synthesis of cholesterol, farnesylated and geranylated proteins, ubiquinones dolichol and heme. Plays a major role in the cell antiviral state induced by type I and type II interferon. Displays antiviral effect against HIV-1 virus, hepatitis C virus, human cytomegalovirus, and aphaviruses, but not vesiculovirus.

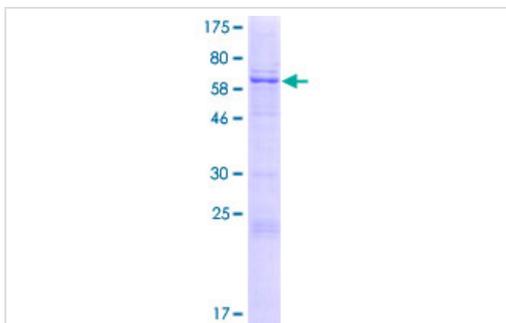
Sequence similarities

Belongs to the RSAD2 family.

Cellular localization

Endoplasmic reticulum membrane. Golgi apparatus. Probably associates with the cytosolic side of the endoplasmic reticulum. Infection with human cytomegalovirus (HCMV) causes relocation to the Golgi apparatus and to cytoplasmic vacuoles which also contain HCMV proteins glycoprotein B and pp28.

Images



ab164861 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Viperin protein
(ab164861)

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