

Recombinant Full Length Human ZC3HAV1 Protein, GST-tagged

Cat. No. ZC3HAV1-6864HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ZC3HAV1 full-length ORF (NP_078901.3, 1 a.a. - 699 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	699 amino acids
Description	This gene encodes a CCCH-type zinc finger protein that is thought to prevent infection by retroviruses. Studies of the rat homolog indicate that the protein may primarily function to inhibit viral gene expression and induce an innate immunity to viral infection. Alternative splicing occurs at this locus and two variants, each encoding distinct isoforms, are described.
Molecular Mass	104.3 kDa
AA Sequence	MADPEVCCFITKILCAHGGRMALDALLQEIALSEPQLCEVLQVAGPDRFVWLETGGE AGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNNLLGRCNYSQSERNLCKYSHEVL SEENFKVLKNHEL SGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQPPCSR LHICDHFTRGNCRFPNCLRSHNLM DRKVLAIMREHGLNPDVVQNIQDICNSKHMOK NPPGPRAPSSHRRNMAYRARSRSRDRFFQGSQEFLASASASAERSCTPSPDQISH RASLEDAPVDDLTRKFTYLG SQDRARPPSGSSKATDLGGTSQAGTSQRFLENG SQ EDLLHGNPGSTYLASNSTSAPNWKSLTSWTNDQGARRKTVFSPTLPAARSSLSLQ

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TPEAVTTRKGTGLLSSDYRIINGKSGTQDIQPGPLFNNNADGVATDITSTRSLNYKST
SSGHREISSPRIQDAGPASRDVQATGRIADDADPRVALVNDLSLSDVTSTTSSRVDDH
DSEEICLDHLCKGCPLNGSCSKVHFHLPYRWQMLIGKTWTD FEHMETIEKGYCNPGI
HLCVGSY TINFRVMSCDSFPIRRLSTPSSVTKPANSVF TTKWIWYWKNESGTW IQY
GEEKDKRKNSNVDSSYLESLYQSCPRGVVPFQAGSRNYELSFQGM IQTNIASKTQK
DVIRRPTFVPQWYVQQMKGPE

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

ZC3HAV1 zinc finger CCCH-type containing, antiviral 1 [Homo sapiens (human)]

Official Symbol

ZC3HAV1

Synonyms

ZC3HAV1; zinc finger CCCH-type containing, antiviral 1; ZAP; ZC3H2; ARTD13;
PARP13; FLB6421; ZC3HDC2; zinc finger CCCH-type antiviral protein 1; ADP-
ribosyltransferase diphtheria toxin-like 13; inactive Poly [ADP-ribose] polymerase 13;
zinc finger CCCH domain-containing protein 2; zinc finger CCCH-type, antiviral 1

Gene ID

56829

mRNA Refseq

NM_024625

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Protein Refseq	NP_078901
MIM	607312
UniProt ID	Q7Z2W4

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