

# Recombinant Full Length Human GAPVD1 Protein, GST-tagged

**Cat. No.** GAPVD1-5440HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GAPVD1 full-length ORF ( AAH21119.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	629 amino acids
<b>Description</b>	GAPVD1 (GTPase Activating Protein And VPS9 Domains 1) is a Protein Coding gene. Among its related pathways are Vesicle-mediated transport and Clathrin-mediated endocytosis. GO annotations related to this gene include GTPase activator activity and GTPase activating protein binding. An important paralog of this gene is RABGEF1.
<b>Molecular Mass</b>	95.9 kDa
<b>AA Sequence</b>	<p>MQEDES YLLQVLR YLIEFELKESDNP RRLRRGTCAFSILFKLFSEGLFSAKLF LTATL  HEPIMQLLVEDEDHLETPNK LIERFSPSQQEKLFG EKGS DRFRQKVQEMVESNEA  KLVALV NKF IGYL KQNTYCFPHSLRWIVSQMYKTLSCVDRLEVGEVRAMCTDLLLAC  FICPAVVNPEQYGIISDAPINEVARFNL MQVGRLLQQLAMTGSEEGDPRTKSSLGKF  DKSCVA AFLDVVIGGRAVETPPLSSVNLLEGLSRTVVYITYSQLITLVNFMKSVMSGD  QLREDRMALDNLLANLPPAKPGKSSSLEMPYNTPQLSPATTPANKKNR LPIATRSR  SRTNMLMDLHMDHEGSSQETIQEVQP EEVLVISLGTGPQLTPGMISENEVLNMQLS</p>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DGGQGDVPVDENKLHGKPKDKTLRFSLCSDNLEGISEGPSNRSNSVSSLDLEGESVS  
 ELGAGPSGSNGVEALQLEHEQATTQDNLDDKLRKFEIRDMMGLTDDRDISETVSE  
 TWSTDVLGSDFDPNIDEDRLQEIAGAAAENMLGSELLCLPGSGSVLLDPCTGSTISET  
 TSEAWSVEVLPSDSEAPDLKQEERLQELESFLDWVAHLMIRMSGRSVPAPAHQASV  
 LCPA

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

**Notes**  
 Best use within three months from the date of receipt of this protein.

**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** [GAPVD1 GTPase activating protein and VPS9 domains 1 \[ Homo sapiens \]](#)

**Official Symbol** [GAPVD1](#)

**Synonyms**  
 GAPVD1; GTPase activating protein and VPS9 domains 1; GTPase-activating protein and VPS9 domain-containing protein 1; DKFZP434C212; KIAA1521; GAPex-5; rab5-activating protein 6; RAP6; GAPEX5; MGC138847; MGC138848; DKFZp434C212;

**Gene ID** [26130](#)

**mRNA Refseq** [NM\\_015635](#)

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<b>Protein Refseq</b>	NP_056450
<b>MIM</b>	611714
<b>UniProt ID</b>	Q14C86

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