

Recombinant Full Length Human GAPVD1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GAPVD1 full-length ORF (AAH21119.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	629 amino acids
Description	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.
Molecular Mass	95.9 kDa
AA Sequence	MQEDES YLLQVLR YLIEFELKESDNP RRLRRGTCAFSILFKLFSEGLFSAKLFLTATL HEPIMQLLVEDEDHLETPDNK LIERFSPSQQEKLFGKEGSDRFRQKVQEMVESNEA KLVALVNKFIGY LKQNTYCFPHSLRWIVSQMYKTLSCVDRLEVGEVRAMCTDLLLAC FICPAVVNPEQYGIISDAPINEVARFNL MQVGRLLQQLAMTGSEEGDPRTKSSLGKF DKSCVAAFLDVVIGGRAVETPPLSSVNLLEGLSRTVVYITYSQLITLVNFMKSVMSGD QLREDRMALDNLLANLPPAKPGKSSSLEMPYNTNPQLSPATTPANKKNRLPIATRSR SRTNMLMDLHMDHEGSSQETIQEVQP EEEVLVISLGTGPQLTPGMISENEVLNMQLS

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DGGQGDVPVDENKLHGKPDKTLRFSLCSDNLEGISEGPSNRSNSVSSLDLEGESVS
 ELGAGPSGSNGVEALQLEHEQATTQDNLDDKLRKFEIRDMMGLTDDRDISETVSE
 TWSTDVLGSDFDPNIDEDRLQEIAGAAAENMLGSLLCLPGSGSVLLDPCTGSTISET
 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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Protein Refseq	NP_056450
MIM	611714
UniProt ID	Q14C86

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