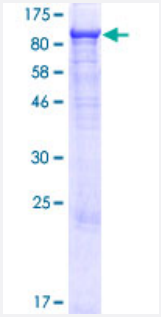
Full-Length

GAPVD1 (Human) Recombinant Protein (P01)

Catalog # H00026130-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GAPVD1 full-length ORF (AAH21119.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQEDESYLLQVLRYLIEFELKESDNPRRLLRRGTCAFSILFKLFSEGLFSAKLFLTATLHEPIMQLLV EDEDHLETDPNKLIERFSPSQQEKLFGEKGSDRFRQKVQEMVESNEAKLVALVNKFIGYLKQNTY CFPHSLRWIVSQMYKTLSCVDRLEVGEVRAMCTDLLLACFICPAVVNPEQYGIISDAPINEVARFNL MQVGRLLQQLAMTGSEEGDPRTKSSLGKFDKSCVAAFLDVVIGGRAVETPPLSSVNLLEGLSRT VVYITYSQLITLVNFMKSVMSGDQLREDRMALDNLLANLPPAKPGKSSSLEMTPYNTPQLSPATTP ANKKNRLPIATRSRSRTNMLMDLHMDHEGSSQETIQEVQPEEVLVISLGTGPQLTPGMISENEVLN MQLSDGGQGDVPVDENKLHGKPDKTLRFSLCSDNLEGISEGPSNRSNSVSSLDLEGESVSELG AGPSGSNGVEALQLLEHEQATTQDNLDDKLRKFEIRDMMGLTDDRDISETVSETWSTDVLGSDF DPNIDEDRLQEIAGAAAENMLGSLLCLPGSGSVLLDPCTGSTISETTSEAWSVEVLPSDSEAPDL KQEERLQELESFLDWVAHLMIRMSGRSVPAPAHQASVLCPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	95.9
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GAPVD1

Entrez GeneID	26130
GeneBank Accession#	BC021119.1
Protein Accession#	AAH21119.1
Gene Name	GAPVD1
Gene Alias	DKFZp434C212, GAPEX5, KIAA1521, MGC138847, MGC138848, RAP6
Gene Description	GTPase activating protein and VPS9 domains 1
Gene Ontology	Hyperlink
Other Designations	rab5-activating protein 6

Publication Reference

- Target identification of hepcidin production inhibitors by a combination of chemical proteomics and radioactive compound binding assay.

  Sasaki M, Ueda K, Fukuda T, Tanaka N, Shimizu H, Kubota K.

  Biochemical and Biophysical Research Communications 2018 Sep; 503(4):2878.

  Application: Func, Human, HepG2 cells

Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections