

Recombinant Full Length Human EPG5 Protein, GST-tagged

Cat. No. EPG5-4312HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPG5 full-length ORF (AAH36911.1, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	464 amino acids
Description	This gene encodes a large coiled coil domain-containing protein that functions in autophagy during starvation conditions. Mutations in this gene cause Vici syndrome. [provided by RefSeq, Aug 2015]
Molecular Mass	78.8 kDa
AA Sequence	MIVCLLFMMILLAKEVQLVDQTDSPLLSLLGQTSSLSWHLVDIVSYQSVLSYFSSHYP PSIILAKESYAELIMKLLKVSAGLSIPTDSQKHLDAVPKCQAFTHQMVQFLSTLEQNG KITLAVLEQEMSKLLDDIIVFNPPDMSQTRHMAISSLFMEVLMNNATIPAEFLR GSIRTWIGQKMHGLVVLPLTAACQSLASVRHMAETTEACITAYFKESPLNQNSGW GPILVSLQVPELTMEEFLECLTGLSYLTLYVYLLQCLNSEQTLRNEMKVLLILSKWL EQVYPSSVEEEAKLFLWWHQVLQLSLIQTEQNDSVLTESVIRILLVQSRQNLVAEER LSSGILGAIGFGRKSPLSNRFRVVARSMMAFLSVQVPMEDQIRLRPGSELHLTPKAQ QALNALESMASCKQYVEYQDQILQATQFIRHPGHCLQDGKSFLALLVNCLYPEVHYL DHIR

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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	EPG5 ectopic P-granules autophagy protein 5 homolog (C. elegans) [Homo sapiens]
Official Symbol	EPG5
Synonyms	HEEW1; hEPG5; KIAA1632; EPG5; ectopic P-granules autophagy protein 5 homolog (C. elegans)
Gene ID	57724
mRNA Refseq	NM_020964
Protein Refseq	NP_066015
MIM	615068
UniProt ID	Q9HCE0

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