Recombinant Full Length Human FGD5 Protein, GST-tagged

Cat. No. FGD5-4806HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGD5 full-length ORF (AAH35364.1, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	540 amino acids
Description	FGD5 (FYVE, RhoGEF And PH Domain Containing 5) is a Protein Coding gene. GO annotations related to this gene include guanyl-nucleotide exchange factor activity and small GTPase binding. An important paralog of this gene is FGD6.
Molecular Mass	87.6 kDa
AA Sequence	MRALDDMDHEGRDTLAREELRQGLSELPAIHDLHQGILEELEERLSNWESQQKVAD VFLAREQGFDHHATHILQFDRYLGLLSENCLHSPRLAAAVREFEQSVQGGSQTAKH RLLRVVQRLFQYQVLLTDYLNNLCPDSAEYDNTQGALSLISKVTDRANDSMEQGEN LQKLVHIEHSVRGQGDLLQPGREFLKEGTLMKVTGKNRRPRHLFLMNDVLLYTYPQ KDGKYRLKNTLAVANMKVSRPVMEKVPYALKIETSESCLMLSASSCAERDEWYGCL SRALPEDYKAQALAAFHHSVEIRERLGVSLGERPPTLVPVTHVMMCMNCGCDFSLT LRRHHCHACGKIVCRNCSRNKYPLKYLKDRMAKVCDGCFGELKKRGRAVPGLMRE RPVSMSFPLSSPRFSGSAFSSVFQSINPSTFKKQKKVPSALTEVAASGEGSAISGYL SRCKRGKRHWKKLWFVIKGKVLYTYMASEDKVALESMPLLGFTIAPEKEEGSSEVG PIFHLYHKKTLFYSFKAEDTNSAQRWIEAMEDASVL

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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	FGD5 FYVE, RhoGEF and PH domain containing 5 [Homo sapiens]
Official Symbol	FGD5
Synonyms	FGD5; FYVE, RhoGEF and PH domain containing 5; FYVE, RhoGEF and PH domain-containing protein 5; FLJ00274; FLJ39957; ZFYVE23; zinc finger FYVE domain-containing protein 23;
Gene ID	152273
mRNA Refseq	NM_152536
Protein Refseq	NP_689749
MIM	614788
UniProt ID	Q6ZNL6

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