

Recombinant Human FGD3, His-tagged

Cat. No. FGD3-27710TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 518-725 of Human FGD3 with N terminal His tag; Predicted MWt 24 kDa.
Species	Human
Source	E.coli
ProteinLength	518-725 a.a.
Description	FYVE, RhoGEF and PH domain-containing protein 3 is a protein that in humans is encoded by the FGD3 gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 79 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	AGLEPRKLSSKTRRDKEKQSCKSCGETFNSITKRRHHCKL CGAVICGKCSEFKAEN SRQSRVCRDCFLTQPVAPESTE KTPTADPQPSLLCGPLRLSESGETWSEVWAAIP MSDPQ VLHLQGGSQDGRPLRPTIPLPCKLSVPDPEERLDSGHV WKLQWAKQSWY LSASSAELQQWLETLSAAHGDTAQDSP GALQLQVPMGAAAP

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GENE INFORMATION

Gene Name	FGD3 FYVE, RhoGEF and PH domain containing 3 [Homo sapiens]
Official Symbol	FGD3
Synonyms	FGD3; FYVE, RhoGEF and PH domain containing 3; FGD1 family, member 3; FYVE, RhoGEF and PH domain-containing protein 3; FLJ00004; ZFYVE5;
Gene ID	89846
mRNA Refseq	NM_033086
Protein Refseq	NP_149077
Uniprot ID	Q5JSP0
Chromosome Location	9q22
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem;
Function	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; metal ion binding; small GTPase binding;

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