

Full-Length

FGD2 (Human) Recombinant Protein (P01)

Catalog # H00221472-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human FGD2 full-length ORF (NP_775829.1, 1 a.a. - 655 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKGASEEKLASVSNLVTVFENSRTPEAAPRGHRLEDVHHRPECRPPESPGPREKTNVGEAVGS
EPRTVSRRYLSLKNKLSSEAWRKSCQPVTLSGSGTQEPEKKIVQELLETEQAYVARLHLLDQVF
FQELLKTARSSKAFPEDVVRVIFSNISSIQFHSQFFLPELQRRLLDDWTANPRIGDVIQKLAPFLKM
YSEYVKNFERAAELLATWTDKSPLFQEVLTIRISSEASGSLTLQHHMLEPVQRIPRYELLKEYIQK
LPAQAPDQADAQKALDMIFSAAQHSNAAITEMERLQDLWEVYQRLGLEDDMDPSNTLLREGPVL
KISFRRNDPMERYLFLFNNMLLYCVPRVIQVGAQFQVRTRIDVAGMKVRELMDAEFPHSFLVSGK
QRTLELQARSQEEMISWMQAFQAAIDQIEKRNFTKAAAQGPEDIQEQELQSEELGLRAPQWV
RDKMVTMCMRCQEPFNALTRRRHHCRACGYVVCARCSDYRAELKYDDNRPNRVCLHCYAFLTG
NVLPEAKEDKRRGILEKGSSATPDQSLMCSFLQLIGDKWGKSGPRGWCVIPRDDPLVLYYAAP
QDMRAHTSIPLLGYQVTGPGQGDPRVFQLQQSGQLYTFKAETEELKGRWVKAMERAASGWSPS
WPNDGDLSD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

101.3

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 — FGD2

Entrez GeneID	221472
GeneBank Accession#	NM_173558.2
Protein Accession#	NP_775829.1
Gene Name	FGD2
Gene Alias	FLJ00048, FLJ40929, MGC71330, ZFYVE4
Gene Description	FYVE, RhoGEF and PH domain containing 2
Omim ID	605091
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	FGD1 family, member 2 FLJ00276 protein