

Product datasheet for **TP305644L**

FGD2 (NM_173558) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FYVE, RhoGEF and PH domain containing 2 (FGD2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC205644 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MKGASEEKLASVSNLVTVFENSRTPEAAPRGHRLLEDVHHRPECRPPESPGRPREKTNVGEAVGSEPTVSR
RYLNSLKNKLSSEAWRKSCQPVTLSGSGTQEPEKKIVQELLETEQAYVARLHLLDQVFFQELLKTARSSK
AFPEDVVRVIFSNISSIYQFHSQFFLPELQRRLLDDWTANPRIGDVIQKLAPFLKMYSEYVKNFERAAELL
ATWTDKSPLFQEVLTRIQSSEASGSLTLQHMMLEPVQRIPRYELLKEYIQKLPQAPDQADAQKALDMI
FSAAQHSNAAITEMERLQDLWEVYQRLGLEDDIVDPSNTLLREGPVLKISFRRNDPMERYLFLFNNMLLY
CVPRVIQVGAQFQVRTRIDVAGMKVRELMDAEFPHSFLVSGKQRTLELQARSQEEMISWMQAFQAAIDQI
EKRNETFKAAAQGPEDIQEQLQSEELGLRAPQWVRDKMVTMCMRCQEPFNALTRRRHHCACGYVCA
RCSDYRAELKYDDNRPNRVLHCYAFLTGNVLPKEDKRRGILEKGSSATPDQSLMCSFLQLIGDKWVK
SGPRGWCVIPRDDPLVLYVYAAPQDMRAHTSIPLLGQYQVTVGPQGDPVFLQVQSGQLYTFKAETEELKG
RWVKAMERAASGWSPSWPNDGDLSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

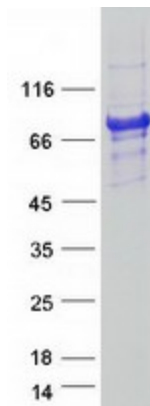
Tag:	C-Myc/DDK
Predicted MW:	74.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_775829
Locus ID:	221472
UniProt ID:	Q7Z6J4
RefSeq Size:	3045
Cytogenetics:	6p21.2
RefSeq ORF:	1965
Synonyms:	ZFYVE4
Summary:	The protein encoded by this gene belongs to a family of guanine nucleotide exchange factors (GEFs) which control cytoskeleton-dependent membrane rearrangements by activating the cell division cycle 42 (CDC42) protein. This gene is expressed in B lymphocytes, macrophages, and dendritic cells. The encoded protein may play a role in leukocyte signaling and vesicle trafficking in antigen-presenting cells in the immune system. [provided by RefSeq, Oct 2016]

Product images:



Coomassie blue staining of purified FGD2 protein (Cat# [TP305644]). The protein was produced from HEK293T cells transfected with FGD2 cDNA clone (Cat# [RC205644]) using MegaTran 2.0 (Cat# [TT210002]).