

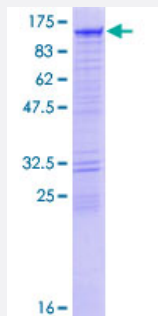
Full-Length

DIAPH3 (Human) Recombinant Protein (P01)

Catalog # H00081624-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DIAPH3 full-length ORF (NP_112194.2, 1 a.a. - 849 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSEERSLSLLAKAVDPRHPNMMDTVVKLLSAVCVGEESILEEVLEALTSAGEEKKIDRFFCIVEG
LRHNSVQLQVACMQLINALVTSPDDLDFRLHIRNEFMRCGLKEILPNLKCINKDGLDIQLKVFDEHK
EEDLFELSHRLEDIRAELDEAYDVYNMVWSTVKE TRAEGYFISILQHLLIRNDYFIRQQYFKLIDECV
SQVLHRDGMDFDFTYRKRLDLDTQFVDICIDQAKLEEFEEKASELYKKFEKEFTDHQETQAELO
KKEAKINELQAELOAFKSQFGALPADCNIPPLPSKEGGTGHSALPPPPPLPSGGGVPPPPPPPP
PPPLPGMRMPFSGPVPPPPPLGLGGQNSPPLPILPFGPKPKKEFKPEISMRRNLNWLKIRPHEMT
ENCFWIKVNENKYENVDLLCKLENTFCCQQKERREEEDIEEKSSIKKIKELKFLDSKIAQNLSIFLS
SFRVPYEEIRMMILEVDETRLAESMIQNLIKHLDPDQEQLNSLSQFKSEYSNLCEPEQFVVVMSNVK
RLRPRLSAILFKLQFEEQVNNIKPDIMAVSTACEEIKKSKSFSKLLELVLLMGNYMNAGSRNAQTFG
FNLSSLCKLKDKTSADQKTTLLHFLVEICEEKYPDILNFVDDLEPLDKASKVSVETLEKNLRQMGR
QLQQLEKELETFPPPEDLHDKFVTKMSRFVISAKEQYETLSKLHENMEKLYQSIIGYYAIDVKKVSV
EDFLTDLNNFRFTTFMQAIKENIKKREAEKEKRVRIAKELAEERERLERQQKKRLLMKTEGDETG
VMDNLLEALQSGAAFRDRRKRTMPKDVQRQSLSPMSQRPVLKVCNHGNKPYL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

124.5

Interspecies Antigen Sequence

Mouse (85)

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 — DIAPH3

Entrez GeneID	81624
GeneBank Accession#	NM_030932.3
Protein Accession#	NP_112194.2
Gene Name	DIAPH3
Gene Alias	DKFZp434C0931, DKFZp686A13178, DRF3, Dia2, FLJ34705, diap3
Gene Description	diaphanous homolog 3 (Drosophila)
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000018480 diaphanous homolog 3 diaphanous-related formin 3

Pathway

- [Regulation of actin cytoskeleton](#)