

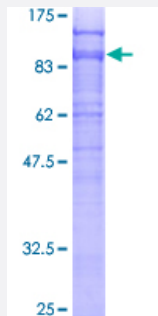
Full-Length

DAB2 (Human) Recombinant Protein (P01)

Catalog # H00001601-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DAB2 full-length ORF (AAH03064, 1 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSNEVETSATNGQPDQQAAPKAPSKKEKKKGPEKTDEYLLARFKGDGVKYKAKLIGDDVPDAR
GDKMSQDSMMKLKGMAAAGRSQGQHKQRWVNISLSGIIDEKTGVIEHEHPVNKISFIARDVTDN
RAFGYVCGGEGQHQQFAIKTGQQAELVVDLKDLFQVYINVKKKEEKKKIEEASKAVENGSEAL
MILDDQTNKLKSGVDQMDLFGDMSTPPDLNSPTESKDILLVDLNSEIDTNQNSLRENPF LTNGITS
CSLPRPTPQASFLPENAFSANLNFFPTPNPDPFRDDPFTQPDQSTPSSFDLSPDQKKENSSS
SSTPLSNGPLNGDVDFYGGQFDQISNRTGKQEAQAGPWPFSSTQTPAVRTQNGVSEREQNGF
SVKSSPNPFVGSPPKGLSIQNGVKQDLESSVQSSPHDSIAIPPPQSTKPGRRRTAKSSANDLL
ASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTSAPAPVGPLVGLGGVTVTLPPQAGPWNTAS
LVFNQSPSMAPGAMMGQPSGFSQPVIFGTSPAVSGWNQPSFPAASTPPPPVPVWGPSASVA
PNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTPPQPPPRAGPPKDISSDAFTALDPLGD
KEIKDVKEMFKDFQLWQPPAVPARKGEQTSSGTLFAFASYFNSKVGIQENADHDDFDANQLLN
KINEPPKAPRQVSLPVTKSTDNAFENPFFKDSFGSSQASVASSQPVSSEMYRDPFGNPFA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

110.22

Interspecies Antigen Sequence

Mouse (83); Rat (83)

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 — DAB2

Entrez GeneID	1601
GeneBank Accession#	BC003064
Protein Accession#	AAH03064
Gene Name	DAB2
Gene Alias	DOC-2, DOC2, FLJ26626
Gene Description	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)
Omim ID	601236
Gene Ontology	Hyperlink

Gene Summary

DAB2 mRNA is expressed in normal ovarian epithelial cells but is down-regulated or absent from ovarian carcinoma cell lines. The 770-amino acid predicted protein has an overall 83% identity with the mouse p96 protein, a putative mitogen-responsive phosphoprotein; homology is strongest in the amino-terminal end of the protein in a region corresponding to the phosphotyrosine interaction domain. The down-regulation of DAB2 may play an important role in ovarian carcinogenesis. This gene was initially named DOC2 (for Differentially expressed in Ovarian Cancer) and is distinct from the DOC2A and DOC2B genes (for double C2-like domains, alpha and beta). [provided by RefSeq]

Other Designations

disabled homolog 2|mitogen-responsive phosphoprotein

Pathway

- [Endocytosis](#)

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neuroblastoma](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)