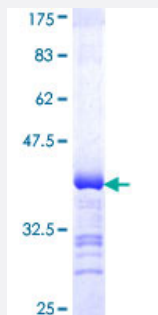


DAB2 (Human) Recombinant Protein (Q01)

Catalog # H00001601-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DAB2 partial ORF (NP_001334, 673 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QTSSGTLSTAFASYFNSKVGIPQENADHDDFDANQLLNKINEPPKPAPRQVSLPVTKSTDNAFENP FFKDSFGSSQASVASSQPVSSEMYRDPFGNPFA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (74); Rat (72)
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# [NM_001343](#)

Protein Accession# [NP_001334](#)

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](#)