Recombinant Human DAB2 Protein, His-tagged

Cat. No. DAB2-1306H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DAB2 Protein (Asn3-Thr129) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn3-Thr129
Description	This gene encodes a mitogen-responsive phosphoprotein. It is expressed in normal ovarian epithelial cells, but is down-regulated or absent from ovarian carcinoma cell lines, suggesting its role as a tumor suppressor. This protein binds to the SH3 domains of GRB2, an adaptor protein that couples tyrosine kinase receptors to SOS (a guanine nucleotide exchange factor for Ras), via its C-terminal proline-rich sequences, and may thus modulate growth factor/Ras pathways by competing with SOS for binding to GRB2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7 kDa Accurate Molecular Mass: 23 kDa
Purity	> 90%

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DAB2 disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) [Homo sapiens (human)]
Official Symbol	DAB2
Synonyms	DAB2; disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila); disabled (Drosophila) homolog 2 (mitogen responsive phosphoprotein); disabled homolog 2; DOC 2; differentially-expressed protein 2; DOC2; DOC-2; FLJ26626;
Gene ID	1601
mRNA Refseq	NM_001244871
Protein Refseq	NP_001231800

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	601236
UniProt ID	P98082

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA