

Recombinant Mouse Dock5 Protein, His-tagged

Cat. No. Dock5-1368M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dock5 Protein (Met1-Leu284) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu284
Description	Enables guanyl-nucleotide exchange factor activity. Predicted to be involved in negative regulation of vascular associated smooth muscle contraction; positive regulation of cell migration; and positive regulation of substrate adhesion-dependent cell spreading. Located in cytoplasm. Is expressed in cap mesenchyme and renal cortex. Orthologous to human DOCK5 (dedicator of cytokinesis 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.5 kDa Accurate Molecular Mass: 37 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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

[Dock5 dedicator of cytokinesis 5 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Dock5](#)

Synonyms

DOCK5; dedicator of cytokinesis 5; dedicator of cytokinesis protein 5; lens rupture 2; lens rupture protein 2; rupture of lens cataract protein; Ir2; rlc; AI666732; AI956923; BC016533; E130320D18; 1110060D06Rik; MGC28003;

Gene ID

[68813](#)

mRNA Refseq

[NM_177780](#)

Protein Refseq

[NP_808448](#)

UniProt ID

[B2RY04](#)

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