

Recombinant Rat Dock9 Protein, His-tagged

Cat. No. Dock9-1372R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dock9 Protein (Met1-Leu231) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Leu231
Description	Predicted to enable guanyl-nucleotide exchange factor activity and small GTPase binding activity. Predicted to be involved in positive regulation of GTPase activity. Predicted to be located in endomembrane system and membrane. Orthologous to human DOCK9 (dedicator of cytokinesis 9).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.2 kDa Accurate Molecular Mass: 32 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 accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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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

[Dock9 dedicator of cytokinesis 9 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Dock9](#)

Synonyms

DOCK9; dedicator of cytokinesis 9; dedicator of cytokinesis protein 9; Thyroid regulating; cdc42 guanine nucleotide exchange factor zizimin-1; Trg;

Gene ID

[259237](#)

mRNA Refseq

[NM_001105759](#)

Protein Refseq

[NP_001099229](#)

UniProt ID

[F1LSM8](#)

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