

Recombinant Mouse Dock6 Protein, His-tagged

Cat. No. Dock6-1369M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dock6 Protein (Phe1915-Leu2080) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe1915-Leu2080
Description	Predicted to enable guanyl-nucleotide exchange factor activity. Predicted to be involved in small GTPase mediated signal transduction. Predicted to be located in cytosol. Is expressed in several structures, including brain; forelimb bud; head mesenchyme derived from neural crest; limb; and spleen. Human ortholog(s) of this gene implicated in Adams-Oliver syndrome. Orthologous to human DOCK6 (dedicator of cytokinesis 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23 kDa Accurate Molecular Mass: 23 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	Dock6 dedicator of cytokinesis 6 [Mus musculus (house mouse)]
Official Symbol	Dock6
Synonyms	Dock6; dedicator of cytokinesis 6; mKIAA1395; 2410095B20Rik; 4931431C02Rik; C330023D02Rik; dedicator of cytokinesis protein 6
Gene ID	319899
mRNA Refseq	NM_177030
Protein Refseq	NP_796004
UniProt ID	Q8VDR9

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