Recombinant Human DOCK7 Protein, His-tagged

Cat. No. DOCK7-1370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK7 Protein (Val1916-Leu2140) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val1916-Leu2140
Description	The protein encoded by this gene is a guanine nucleotide exchange factor (GEF) that plays a role in axon formation and neuronal polarization. The encoded protein displays GEF activity toward RAC1 and RAC3 Rho small GTPases but not toward CDC42. Several transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3 kDa Accurate Molecular Mass: 30 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	DOCK7 dedicator of cytokinesis 7 [Homo sapiens (human)]
Official Symbol	DOCK7
Synonyms	DOCK7; dedicator of cytokinesis 7; dedicator of cytokinesis protein 7; KIAA1771; ZIR2;
Gene ID	85440
mRNA Refseq	NM_033407
Protein Refseq	NP_212132
MIM	615730
UniProt ID	Q96N67

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