Recombinant Human DOCK10 Protein, His-tagged

Cat. No. DOCK10-1365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK10 Protein (Ala1945-Val2186) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala1945-Val2186
Description	This gene encodes a member of the dedicator of cytokinesis protein family. Members of this family are guanosine nucleotide exchange factors for Rho GTPases and defined by the presence of conserved DOCK-homology regions. The encoded protein belongs to the D (or Zizimin) subfamily of DOCK proteins, which also contain an N-terminal pleckstrin homology domain. Alternatively spliced transcript variants that encode different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.4 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
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	DOCK10 dedicator of cytokinesis 10 [Homo sapiens (human)]
Official Symbol	DOCK10
Synonyms	DOCK10; dedicator of cytokinesis 10; dedicator of cytokinesis protein 10; KIAA0694; ZIZ3; zizimin3; zizimin-3; protein zizimin 3; dopamine receptor interacting protein 2; DRIP2; Nbla10300; DKFZp781A1532;
Gene ID	55619
mRNA Refseq	NM_014689
Protein Refseq	NP_055504
MIM	611518
UniProt ID	Q96BY6

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