Recombinant Human DOCK5 Protein, His-tagged

Cat. No. DOCK5-1367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK5 Protein (Ala1749-Gln1870) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala1749-Gln1870
Description	This gene encodes a member of the dedicator of cytokinesis protein family. Members of this family act as guanine nucleotide exchange factors for small Rho family G proteins. The protein encoded by this gene is thought to associate with adaptors CRK and CRKL, and function in regulation of intestinal epithelial cell spreading and migration on collagen IV. Similar proteins in mouse and zebrafish also function in myoblast fusion.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.6 kDa Accurate Molecular Mass: 17 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	DOCK5 dedicator of cytokinesis 5 [Homo sapiens (human)]
Official Symbol	DOCK5
Synonyms	DOCK5; dedicator of cytokinesis 5; dedicator of cytokinesis protein 5; FLJ21034; DKFZp451J181; DKFZp779M164; DKFZp781J211;
Gene ID	80005
mRNA Refseq	NM_024940
Protein Refseq	NP_079216
MIM	616904
UniProt ID	Q9H7D0

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