

Recombinant Human DOCK1 Protein, His-tagged

Cat. No. DOCK1-401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK1(Thr1200~Gln1435) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr1200~Gln1435
Description	This gene encodes a member of the dedicator of cytokinesis protein family. Dedicator of cytokinesis proteins act as guanine nucleotide exchange factors for small Rho family G proteins. The encoded protein regulates the small GTPase Rac, thereby influencing several biological processes, including phagocytosis and cell migration. Overexpression of this gene has also been associated with certain cancers. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

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.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

DOCK1 dedicator of cytokinesis 1 [Homo sapiens]

Official Symbol

DOCK1

Synonyms

DOCK1; dedicator of cytokinesis 1; dedicator of cyto kinesis 1; dedicator of cytokinesis protein 1; ced5; DOCK180; DOWnstream of CrK; dedicator of cyto-kinesis 1; 180 kDa protein downstream of CRK;

Gene ID

1793

mRNA Refseq

NM_001380

Protein Refseq

NP_001371

MIM

601403

UniProt ID

Q14185

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