Recombinant Human DOCK2 Protein, His-tagged

Cat. No. DOCK2-402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK2(Ile390~Glu635) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile390~Glu635
Description	The protein encoded by this gene belongs to the CDM protein family. It is specifically expressed in hematopoietic cells and is predominantly expressed in peripheral blood leukocytes. The protein is involved in remodeling of the actin cytoskeleton required for lymphocyte migration in response to chemokine signaling. It activates members of the Rho family of GTPases, for example RAC1 and RAC2, by acting as a guanine nucleotide exchange factor (GEF) to exchange bound GDP for free GTP.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.8kDa
Endotoxin	<1.0EU per 1μg (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	DOCK2 dedicator of cytokinesis 2 [Homo sapiens]
Official Symbol	DOCK2
Synonyms	DOCK2; dedicator of cytokinesis 2; dedicator of cyto kinesis 2; dedicator of cytokinesis protein 2; KIAA0209; dedicator of cyto-kinesis 2; FLJ46592;
Gene ID	1794
mRNA Refseq	NM_004946
Protein Refseq	NP_004937
MIM	603122
UniProt ID	Q92608

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