

Recombinant Human DOCK2 Protein (Ile390-Glu635), His tagged

Cat. No. DOCK2-1981H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DOCK2 (Ile390-Glu635) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile390-Glu635
Description	Involved in cytoskeletal rearrangements required for lymphocyte migration in response of chemokines. Activates RAC1 and RAC2, but not CDC42, by functioning as a guanine nucleotide exchange factor (GEF), which exchanges bound GDP for free GTP. May also participate in IL2 transcriptional activation via the activation of RAC2.
Form	Lyophilized powder/frozen liquid
Molecular Mass	28.7 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 Tel: 1-631-559-9269 1-516-512-3133

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [DOCK2 dedicator of cytokinesis 2 \[Homo sapiens \(human\) \]](#)

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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