

Recombinant Human DOCK1 protein, His-tagged

Cat. No. DOCK1-2543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOCK1 protein(1565-1865 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1565-1865 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KDLIAWQIPFLAEGIRIHGDKVTEALRPFHERMEACFKQLKEKVEKEYGVRIMPSSLD DRRGSRPRSMVRSFTMPSSSRPLSVASVSSLSSDSTPSRPGSDGFALEPLLPKKMH SRSQDKLDKDDLEKEKKDKKKEKRNSKHQEIFEKEFKPTDISLQQSEAVILSETISPL RPQRPKSQVMNVIGSERRFSVSPSSPSSQQTTPPVTPRAKLSFSMQSSLELNGMT GADVADVPPPLPLKGSVADYGNLNMQDLLGSPTPPPPPPHQRHLPPPLPSKTPPP PPPKTTRKQTSVDSGIVQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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