Recombinant Human DOCK1

Cat. No. DOCK1-26951TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human DOCK1 (aa 698-803) with N-terminal proprietary tag, 37.29 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	106 amino acids
Description	This gene product binds to the SH3 domain of CRK protein. It may regulate cell surface extension and may have a role in the cell surface extension of an engulfing cell around a dying cell during apoptosis.
Molecular Weight	37.290kDa inclusive of tags
Tissue specificity	Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid 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.
Sequences of amino acids	LETYIKKHFSATLAYTKLTKVLKNYVDGAEKPGVNEQLYK AMKALESIFKFIVRSRILF NQLYENKGEADFVESLLQLFR SINDMMSSMSDQTVRVKGAALKYLPT
Sequence Similarities	Belongs to the DOCK family.Contains 1 DHR-1 (CZH-1) domain.Contains 1 DHR-2 (CZH-2) domain.Contains 1 SH3 domain.

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;
Gene ID	1793
mRNA Refseq	NM_001380
Protein Refseq	NP_001371
MIM	601403
Uniprot ID	Q14185
Chromosome Location	10q26.13-q26.3
Pathway	Axon guidance, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved

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	biosystem; DCC mediated attractive signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Function	GTP binding; GTPase activator activity; GTPase binding; SH3 domain binding; guanyl-nucleotide exchange factor activity;

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