

Recombinant Full Length Human DOCK1 Protein, GST-tagged

Cat. No. DOCK1-4068HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOCK1 full-length ORF (AAH84559.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	152 amino acids
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. [provided by RefSeq, Mar 2014]
Molecular Mass	43.6 kDa
AA Sequence	MRIGRQSCKIHNYAINNGLFFKCMISPPSGDVRNDIYVTLVQGDGDKGSKTTAKNVE VTVSVYDEDGKRLEHVIFPGAGDEAISEYKSVIYYQVKQPRWFETVKVLFTWSFYHM ALIMKCSFVTQGNILTSSSARELLQAGRVSPNKVIQGC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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