Recombinant Human DOCK10 Protein, GST-tagged

Cat. No. DOCK10-2804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOCK10 full-length ORF (ADZ15499.1, 1 a.a. - 542 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the dedicator of cytokinesis protein family. Members of this family are guanosine nucleotide exchange factors for Rho GTPases and defined by the presence of conserved DOCK-homology regions. The encoded protein belongs to the D (or Zizimin) subfamily of DOCK proteins, which also contain an N-terminal pleckstrin homology domain. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Mar 2014]
Molecular Mass	59.7 kDa
AA Sequence	MKNSNFPAEVKDLTKRIRTVLMATAQMKEHEKDPEMLVDLQYSLANSYASTPELRR TWLESMAKIHARNGDLSEAAMCYIHIAALIAEYLKRKGYWKVEKICTASLLSEDTHPC DSNSLLTTPSGGSMFSMGWPAFLSITPNIKEEGAMKEDSGMQDTPYNENILVEQLY MCVEFLWKSERYELIADVNKPIIAVFEKQRDFKKLSDLYYDIHRSYLKVAEVVNSEKR LFGRYYRVAFYGQGFFEEEEGKEYIYKEPKLTGLSEISQRLLKLYADKFGADNVKIIQ DSNKVNPKDLDPKYAYIQVTYVTPFFEEKEIEDRKTDFEMHHNINRFVFETPFTLSGK KHGGVAEQCKRRTILTTSHLFPYVKKRIQVISQSSTELNPIEVAIDEMSKKVSELNQLC TMEEVDMIRLQLKLQGSVSVKVNAGPMAYARAFLEETNAKKYPDNQVKLLKEIFRQF

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

	ADACGQALDVNERLIKEDQLEYQEELRSHYKDMLSELSTVMNEQITGRDDLSKRGV DQTCTRVISKATPALPTVSISSSAEV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	DOCK10 dedicator of cytokinesis 10 [Homo sapiens]
Official Symbol	DOCK10
Synonyms	DOCK10; dedicator of cytokinesis 10; dedicator of cytokinesis protein 10; KIAA0694; ZIZ3; zizimin3; zizimin-3; protein zizimin 3; dopamine receptor interacting protein 2; DRIP2; Nbla10300; DKFZp781A1532;
Gene ID	55619
mRNA Refseq	NM_014689
Protein Refseq	NP_055504
MIM	611518

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UniProt ID	Q96BY6

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