

Recombinant Full Length Human DOCK10 Protein, GST-tagged

Cat. No. DOCK10-4070HF **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	In Vitro Cell Free System
ProteinLength	542 amino acids
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 DSNLLTTPSGGSMFSGMWPAFLSITPNIKEEGAMKEDSGMQDTPYNENILVEQLY MCVEFLWKSEYELIADVKNPIIAVFEEKQRDFKKLSDLYYDIHRSYLVKVAEVDNSEKR LFGRYYRVAFYGGQGFEEEEEGKEYIYKEPKLTGLSEISQRLKLYADKFGADNVKIIQ DSNVNPKDLDPKYAYIQVTYVTPFFEEKEIEDRKTDFFEMHHNINRFVFETPFTLSGK KHGGVAEQCKRRTILTTLFPYVKKRIQVISQSSTELNPIEVAIDEMSKKVSELNQLC

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TMEEVDMIRLQLKLQGSVSVKVNAGPMAYARAFLEETNAKKYPDQVVKLLKEIFRQF
ADACGQALDVNERLIKEDQLEYQEELRSHYKDMSELSTVMNEQITGRDDLSKRGV
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

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MIM	611518
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UniProt ID	Q96BY6
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