

Recombinant Human DOCK7 Protein, GST-tagged

Cat. No. DOCK7-2808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOCK7 full-length ORF (AAH16392.1, 1 a.a. - 624 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a guanine nucleotide exchange factor (GEF) that plays a role in axon formation and neuronal polarization. The encoded protein displays GEF activity toward RAC1 and RAC3 Rho small GTPases but not toward CDC42. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]
Molecular Mass	98.2 kDa
AA Sequence	MACNQSAVYLQHCFATQRALVSKFPELLFEEETEQCADLCLRLLRHCS SIGTIRSH ASASLYLLMRQNFEIGNNFARVKMQVTMSLSSLVGTSQNFNEEFLRRSLKTILTYAE EDLELRETTFPDQVQDLVFNLMILSDTVKMKEHQEDPEMLIDL MYRIAKGYQTSPD LRLTWLQNMAGKHSERSNHAEAAQCLVHSAALVAEYLSMLEDRKYLPVGCVT FQNI SSNVLEESAVSDDVSPDEEGICSGKYFTESGLVGLLEQAAASF SMAGMYEAVNEV YKVLIPHEANRDAKKLSTIHGKLQEAFSKIVHQDGKRMFGTYFRVGFYGT KFGDLDE QEFVYKEPAITKLAEISHRLEGFYGERFGEDVVEIKDSNPVDKCKLDPNKAYIQITYV EPYFDTYEMKDRITYFDKNYNLRRFMYCTPFTLDGRAH GELHEQFKRKILTTS HAF PYIKTRVNVTHKEEII LTPIEVAIEDMQKKTQELAFATHQDPADPKMLQMVLQGS VGT

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	TVNQGPLEVAQVFLSEIPSDPKLFRHHNKLRLCFKDFTKRCEDALRKNKSLIGPDQK EYQRELERNYHRLKEALQPLINRKIPQLYKAVLPVTCHRDSFSRMSLRKMDL
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	DOCK7 dedicator of cytokinesis 7 [Homo sapiens]
Official Symbol	DOCK7
Synonyms	DOCK7; dedicator of cytokinesis 7; dedicator of cytokinesis protein 7; KIAA1771; ZIR2;
Gene ID	85440
mRNA Refseq	NM_033407
Protein Refseq	NP_212132
MIM	615730

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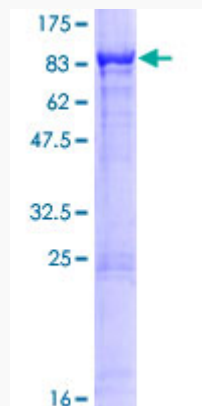
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UniProt ID

Q96N67

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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