

Recombinant Human WDR83 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WDR83-5983H Lot. No. (See product label)

SPECIFICATION

Product Overview

WDR83 MS Standard C13 and N15-labeled recombinant protein (NP_115708) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of the WD-40 protein family. The protein is proposed to function as a molecular scaffold for various multimeric protein complexes. The protein associates with several components of the extracellular signal-regulated kinase (ERK) pathway, and promotes ERK activity in response to serum or other signals. The protein also interacts with egl nine homolog 3 (EGLN3, also known as PHD3) and regulates expression of hypoxia-inducible factor 1, and has been purified as part of the spliceosome. Alternative splicing results in multiple transcript variants.

Molecular Mass

34.3 kDa

AA Sequence

MAFPEPKPRPPELPQKRLKTLDCGQGAVRAVRFNVDGNYCLTCGSDKTLKLNPL
 RGTLRLTYSGHGYEVLDAAGSFDNSSLCSGGGDKAVVLWDVASGQVVRKFRGHA
 GKVNTVQFNEEATVILSGSIDSSIRCWDCRSRRPEPVQTLDEARDGVSSVKVSDHEI
 LAGSVDGRVRRYDLRMGQLFSDYVGSPITCTCFSRDGQCTLVSSLDSTLRLLDKDT
 GELLGEYKGHKNQEYKLDCCLSERDTHVVSCESEDGKVVFFWDLVEGALALALPVGS
 GVVQSLAYHPTEPCLLTAMGGSVQCWREEAYEAEDGAGTRTRPLEQKLISEEDLAA

 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



NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name WDR83 WD repeat domain 83 [Homo sapiens (human)]

Official Symbol WDR83

Synonyms WDR83; WD repeat domain 83; MORG1; WD repeat domain-containing protein 83; MAPK organizer 1; mitogen-activated protein kinase organizer 1

Gene ID 84292

mRNA Refseq NM_032332

Protein Refseq NP_115708

MIM 616850

UniProt ID Q9BRX9

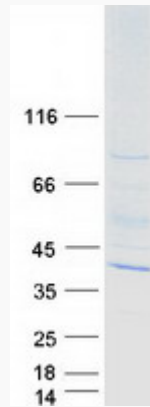
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SDS-PAGE



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