

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	MAFPEPKPRPPELPQKRLKTLDCGQGAVRAVRFNVDGNYCLTCGSDKTLKLWNPL RGTLRLTYSGHGYEVLDAAGSFDNSSLCSGGGDKAVVLWDVASGQVVRKFRGHA GKVNTVQFNEEATVILSGSIDSSIRCWDCRSRRPEPVQTLDEARDGVSSVKVSDHEI LAGSVDGRVRRYDLRMGQLFSDYVGSPITCTCFSRDGQCTLVSSLDSTLRLLDKDT GELLGEYKGHKNQEYKLDCCLSERDTHVVSCESEDGKVFFWDLVEGALALALPVGS GVVQSLAYHPTPECLLTAMGGSVQCWREEAYEAEDGAGTRTRPLEQKLISEEDLAA

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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.

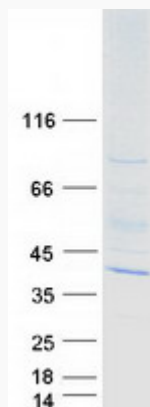
GENE INFORMATION

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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