Recombinant Full Length Human WDR83 Protein, C-Flag-tagged

Cat. No. WDR83-1629HFL **Lot. No.** (See product label)

SPECIFICATION

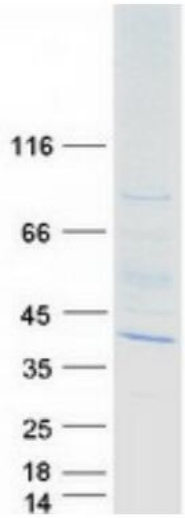
Product Overview	Recombinant Full Length Human WDR83 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the WD-40 protein family. The protein is proposed to function as a molecular scaffold for various 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.2 kDa
AA Sequence	MAFPEPKPRPPELPQKRLKTLDCGQGAVRAVRFNVDGNYCLTCGSDKTLKLWNPL RGTLLRTYSGHGYEV LDAAGSFDNSSLCSGGGDKAVVLWDVASGQVVRKFRGHA GKVNTVQFNEEATVILSGSIDSSIRCWDCRS RRPEPVQTLDEARDGVSSVKVSDHEI LAGSVDGRVRRYDLRMGQLFSDYVGSPITCTCFSRDGQCTLVSS LDSTLRLLDKDT GELLGEYKGHKNQEYKLDCCLSERDTHVVSCSEDGKVFFWDLVEGALALALPVGS

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

	GVV QSLAYHPTEPCLLTAMGGSVQCWREEAYEAEDGAGTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	WDR83 WD repeat domain 83 [Homo sapiens (human)]
Official Symbol	WDR83
Synonyms	MORG1
Gene ID	84292
mRNA Refseq	NM_032332.4
Protein Refseq	NP_115708.1

MIM	616850
UniProt ID	Q9BRX9
	 Coomassie blue staining of purified WDR83 protein.

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