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Product datasheet for TP504507

Wdr83 (NM_026399) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse WD repeat domain containing 83 (Wdr83), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204507 protein sequence Red=Cloning site Green=Tags(s) MAFPEPKPRAPELPQKRMKTLDCSQGAVRAVRFNVDGNYCLTCGSDKTLKLWNPLRGTLLRTYSGHGYEV LDAAGSFDNSHLCSGGGDKTVVLWDVATGQVVRKFRGHAGKVNTVQFNEEATVILSGSIDSSVRCWDCRS RKPEPVQTLDEARDGISSVKVSDHEILAGSVDGRVRRYDLRMGQVSSDYVGGPITCTCFSRDGQCTLISS LDSTLRLLDKDTGELLGEYVGHKNQQYKLDCCLSERDTHVVSCSEDGKVFFWDLVEGALALALPVGSNVV QSLAYHPTEPCLLTAMGGSIQYWREETYEAEGGAG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	34.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080675
Locus ID:	67836

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UniProt ID:	Q9DAJ4
RefSeq Size:	1238
Cytogenetics:	8 C3
RefSeq ORF:	945
Synonyms:	1500041N16Rik; Morg1
Summary:	Molecular scaffold protein for various multimeric protein complexes. Involved in response to hypoxia by acting as a negative regulator of HIF1A/HIF-1-alpha via its interaction with EGLN3/PHD3. May promote degradation of HIF1A. May act by recruiting signaling complexes to a specific upstream activator (By similarity). Also acts as a module in the assembly of a multicomponent scaffold for the ERK pathway, linking ERK responses to specific agonists. At low concentrations it enhances ERK activation, whereas high concentrations lead to the inhibition of ERK activation. May also be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]