

## Product datasheet for **TP305497**

### WDR48 (NM\_020839) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 48 (WDR48), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205497 representing NM_020839 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAHRQNTAGRRKVQVSYVIRDEVEKEYNRNGVNALQLDPALNRLFTAGRDSIIRIWSVNQHKQDPYIAS  
MEHHTDWVNDIVLCCNGKTLISASDTTVKVWNAHKGFCMSTLRTHKDYVKALAYAKDELVASAGLDRQ  
IFLWDVNTLTALTASNNTVTTSSLSGNKDSIYSLAMNQLGTIIVSGSTEKVLRVWDPRTCAKLMKLGHT  
DNLKALLNDRGTQCLSGSSDGTIRLWVSLGQQRCIATYRVHDEGVWALQVNDAFTHVYSGGRDRKIYCTD  
LRNPDIRVLICEEKAPVLKMELDRSADPPPAIWWATTKSTVKNWTLKGIHNFASGDYDNDCTNPITPLC  
TQPDQVIKGGASIIQCHILNDRHILTKDTNNNVAYWDVLKACKVEDLGKVD FEDEIKKRFKMVYVFNWF  
SVDLKTGMLTITLDESDFAAWVSAKDAGFSSPDGSDPKLNLGGLLQALLEYWRTHVNPMDDEEENEVN  
HVNGEQENRVQKNGYFQVPPHTPVIFGEAGGRTLFRLLCRDSGGETESMLLNETVPQWVIDITVDKNMP  
KFNKIPFYLQPHASSGAKTLKKDRLSASDMLQVRKVMMEHVYEKIINLDNESQTTSSSNNEKPGEQEKEED  
IAVLAEEKIELLCQDQVLDPNMDLRTVKHFIWKS GGD LTLHYRQKST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

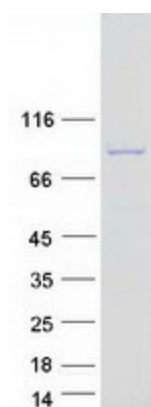
Tag:	C-Myc/DDK
Predicted MW:	76 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_065890</u>
<b>Locus ID:</b>	57599
<b>UniProt ID:</b>	<u>Q8TAF3, A0A024R2L1</u>
<b>RefSeq Size:</b>	3705
<b>Cytogenetics:</b>	3p22.2
<b>RefSeq ORF:</b>	2031
<b>Synonyms:</b>	Bun62; P80; SPG60; UAF1
<b>Summary:</b>	The protein encoded by this gene has been shown to interact with ubiquitin specific peptidase 1 (USP1), activating the deubiquitinating activity of USP1 and allowing it to remove the ubiquitin moiety from monoubiquitinated FANCD2. FANCD2 is ubiquitinated in response to DNA damage. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified WDR48 protein (Cat# TP305497). The protein was produced from HEK293T cells transfected with WDR48 cDNA clone (Cat# [RC205497]) using MegaTran 2.0 (Cat# [TT210002]).