

Product datasheet for **TP305497M**

WDR48 (NM_020839) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human WD repeat domain 48 (WDR48), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205497 representing NM_020839 Red =Cloning site Green =Tags(s) |

MAAHRQNTAGRRKVQVSYVIRDEVEKYNRNGVNALQLDPALNRLFTAGRDSIIRIWSVNQHKQDPYIAS
MEHHTDWVNDIVLCCNGKTLISASSDTTVKVVNAHKGFCMSTLRTHKDYVKALAYAKDELVASAGLDRQ
IFLWDVNTLTALTASNNTVTTSSLSGNKDSIYSLAMNQLGTIIVSGSTEKVLRVWDPRTCAKLMKLGHT
DNLKALLNRDGTQCLSGSSDGTIRLWVSLGQQRCIATYRVHDEGVWALQVNDAFTHVYSGGRDRKIYCTD
LRNPDIRVLICEEKAPVLKMELDRSADPPPAIWWATTKSTVKNWTLKGIHNFASGDYDNDCTNPITPLC
TQPDQVIKGGASIIQCHILNDRHILTKDTNANNVAYWDVLKACKVEDLGKVD FEDEIKKRFKMVYVPNWF
SVDLKTGMLTITLDESDFAAWVSAKDAGFSSPDGSDPKLNLGGLLQALLEYWPRTHVNPMDEEENEVN
HVNGEQENRVQKNGYFQVPPHTPVIFGEAGGRTLFRLLCRDSGGETESMLLNETVPQWVIDITVDKNMP
KFNKIPFYLQPHASSGAKTLKKDRLSASDMLQVRKVMMEHVYEKIIINLDNESQTTSSSNNEKPGEQEKEED
IAVLAEEKIELLCQDQVLDPNMDLRTVKHFIWKS GGD LTLHYRQKST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

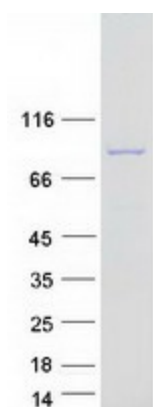
| | |
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| Tag: | C-Myc/DDK |
| Predicted MW: | 76 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 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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| 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: | <u>NP_065890</u> |
| Locus ID: | 57599 |
| UniProt ID: | <u>Q8TAF3, A0A024R2L1</u> |
| RefSeq Size: | 3705 |
| Cytogenetics: | 3p22.2 |
| RefSeq ORF: | 2031 |
| Synonyms: | Bun62; P80; SPG60; UAF1 |
| Summary: | 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]).