

Recombinant Human WDR48 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WDR48-5836H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WDR48 MS Standard C13 and N15-labeled recombinant protein (NP_065890) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	76 kDa
AA Sequence	MAAHRQNTAGRRKVQVS YVIRDEVEKYNRNGVNALQLDPALNRLFTAGRDSIIRIW SVNQHKQDPYIASMEHHTDWVNDIVLCCNGKTLISASSDTTVKVWNAHKGFCMSTL RTHKDYVKALAYAKDKELVASAGLDRQIFLWDVNTLTALTASNNTVTTSSLGSKNDSI YSLAMNQLGTIIVSGSTEKVLRVWDPRTCAKLMKLGHTDNVKALLNDRDGTQCLSG SSDGTIRLWSLGQQRCIATYRVHDEGVWALQVNDAFTHVYSGGRDRKIYCTDLRNP DIRVLICEEKAPVLKMEIDRSADPPPAIWVATTCKSTVNKWTCLKGIHNFRAFGDYDND CTNPITPLCTQPDQVIKGGASIIQCHILNDRHILTKDTNNNVAYWDVLKACKVEDLG KVDFEIDEIKRFRKMVYVPNWFVSDLKTGMLTITLDESDCFAAWVSAKDAGFSSPDG SDPKLNLGGLLLQALLEYWPRTHVNPMDDEEENEVNHVNGEQENRVQKGNGYFQVP

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PHTPVIFGEAGGRTLFRLLCRDSGGGETESMLLNETVPQWVIDITVDKNMPKFNKIPFY
LQPHASSGAKTLKKDRLSASDMLQVRKVMHVYEKIINLDNESQTTSSSNNEKPGE
QEKEEDIAVLAEKEIELLCQDQVLDPNMDLRTVKHFIWKSGGDLTLHYRQKSTTRTR
PLEQKLISEEDLAANDILDYKDDDDKV

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 WDR48 WD repeat domain 48 [Homo sapiens (human)]

Official Symbol WDR48

Synonyms WDR48; WD repeat domain 48; P80; UAF1; SPG60; WD repeat-containing protein 48; USP1 associated factor 1; WD repeat endosomal protein; testicular tissue protein Li 224

Gene ID 57599

mRNA Refseq NM_020839

Protein Refseq NP_065890

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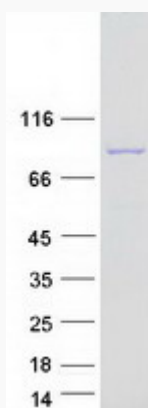
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MIM 612167

UniProt ID Q8TAF3

SDS-PAGE



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