

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

MAAHRQNTAGRRKVQVSYVIRDEVEKYNRNGVNALQLDPALNRLFTAGRDSIIRIW
SVNQHKQDPYIASMEHHTDWWNDIVLCCNGKTLISASSDTTVKVWNAHKGFCMSTL
RTHKDYVKALAYAKDKELVASAGLDRQIFLWDVNTLTALTASNNTVTTSSLSGNKDSI
YSLAMNQLGTIIVSGSTEKVLRVWDPRTCAKLMKLGHTDNVKALLNDRDGTQCLSG
SSDGTIRLWSLGQQRCIATYRVHDEGVWALQVNDAFTHVYSGGRDRKIYCTDLRNP
DIRVLICEEKAPVLKMEIDRSADPPPAIWVATTKSTVNKWTLKGIHNFASGDYDND
CTNPITPLCTQPDQVIKGGASIIQCHILNDKRHILTKDTNNNVAYWDVLKACKVEDLG
KVDFEIDEIKRFRKMVYVPNWFVSDLKTMGLTITLDESDFAAWVSAKDAGFSSPDG
SDPKLNLGGLLLQALLEYWPRTHVNPMDDEEENEVNHVNGEQENRVQKGNQYFQVP

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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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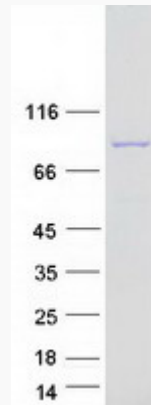
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MIM 612167

UniProt ID Q8TAF3

SDS-PAGE



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