

# Recombinant Human WDR54 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** WDR54-3388H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WDR54 MS Standard C13 and N15-labeled recombinant protein (NP_115494) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	When cross-linked to form dimers and trimers, it has a regulatory effect on ERK signaling pathway activity in response to EGF stimulation. Colocalizes with the EGF receptor in WDR54-specific vesicle where it sustains the internalization and controls the degradation of the EGF receptor after EGF stimulation.
<b>Molecular Mass</b>	35.9 kDa
<b>AA Sequence</b>	MFRWERSIPLRGSAALCNLSVLQLPARNLTYFGVVHGPSAQLLSAAPEGVPLAQ RQLHAKEGAGVSPPLITQVHWCVLPFRVLLVLTSHRGIQMYESNGYTMVYWHALDS GDASPVQAVFARGIAASGHFICVGTWSGRVLVFDIPAKGPNIVLSEELAGHQMPITDI ATEPAQGQDCVADMVTADDSGLLCVWRSGPEFTLLTRIPGFGVPCPSVQLWQGIIA AGYGNGQVHLYEATTGNLHVQINAHARAICALDLASEVGKLLSAGEDTFVHIWKLRSR NPESGYIEVEHCHGECVADTQLCGARFCDSSGNSFAVTGYDLAEIRRFSSVTRTRP LEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

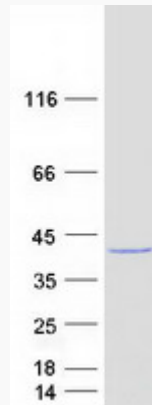
<b>Gene Name</b>	WDR54 WD repeat domain 54 [ Homo sapiens (human) ]
<b>Official Symbol</b>	WDR54
<b>Synonyms</b>	WDR54; WD repeat domain 54; WD repeat-containing protein 54; FLJ12953;
<b>Gene ID</b>	84058
<b>mRNA Refseq</b>	NM_032118
<b>Protein Refseq</b>	NP_115494
<b>UniProt ID</b>	Q9H977

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**SDS-PAGE**



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