

Product datasheet for **TP308682L**

WDR54 (NM_032118) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human WD repeat domain 54 (WDR54), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208682 protein sequence
Red=Cloning site **Green**=Tags(s)

MFRWERSIPLRGSAAALCNNLSVLQLPARNLTYFGVWHGPSAQLLSAAPEGVPLAQRQLHAKEGAGVSPPLITQVHWCVLPFRVLLVLTSHRGIQMYESNGYTMVYWHALDSGDASPVQAVFARGIAASGHFICVGTWSGRVLVFDIPAKGPNIVLSEELAGHQMPITDIATEPAQGGQDCVADMVTADDSGLLCVWRSGPEFTLLTRIPGFGVPCPSVQLWQGIIAAGYGNGQVHLYEATTGNLHVQINAHARAICALDLASEVGKLLSAGEDTFVHIWKLSRNPESGYIEVEHCHGECVADTQLCGARFCDSSGNSFAVTGYDLAEIRRFSSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.7 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.

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: [NP_115494](#)

Locus ID: 84058



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UniProt ID: [Q9H977](#)

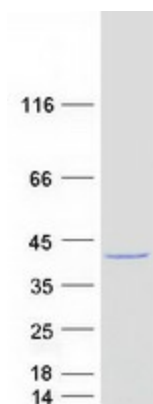
RefSeq Size: 1223

Cytogenetics: 2p13.1

RefSeq ORF: 1002

Summary: 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.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified WDR54 protein (Cat# [TP308682]). The protein was produced from HEK293T cells transfected with WDR54 cDNA clone (Cat# [RC208682]) using MegaTran 2.0 (Cat# [TT210002]).