

Product datasheet for PH308682

WDR54 (NM_032118) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WDR54 MS Standard C13 and N15-labeled recombinant protein (NP_115494)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208682
Predicted MW:	35.9 kDa
Protein Sequence:	>RC208682 protein sequence Red=Cloning site Green=Tags(s)

MFRWERSIPLRGSAAALCNLSVLQLPARNLTYFGVVHGPSAQLLSAAPEGVPLAQRQLHAKEGAGVSPPLITQVHWCVLPFRVLLVLTSHRGIQMYESNGYTMVYWHALDSGDASPVQAVFARGIAASGHFICVGTWSGRVLFVDIPAKGPNIVLSEELAGHQMPITDIATEPAQGQDCVADMTADDGLLCVWRSGPEFTLLTRIPGFVPCPSVQLWQGIIAAGYGNGQVHLYEATTGNLHVQINAHARAICALDLASEVGKLLSAGEDTFVHIWKL SRNPESGYIEVEHCHGECVADTQLCGARFCDSSGNSFAVTGYDLAEIRRFSSV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_115494
RefSeq Size:	1223
RefSeq ORF:	1002
Locus ID:	84058
UniProt ID:	Q9H977

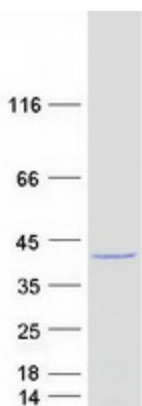


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Cytogenetics: 2p13.1

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]).