

## Product datasheet for TP504944

### Wdr54 (NM\_023790) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse WD repeat domain 54 (Wdr54), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204944 protein sequence Red=Cloning site Green=Tags(s)

MFRRERSIPLRSSAAALSNNLSVLQLPARDLTHFGVHGPSAQLLSAAPEGVPLAQRQLHVKEGAGVSPPLITQVHWCVLPFRVLLVLTSHRGIQMYESDGSVMVYWHALDSGDASSVQAMFARGIAASVHFICVGTCSGRVLVFDIPAKGPNIVLSEELAGHQTPITDIATERAQQGDGVADMVTADDSGVLVCVWRSRSGPEFTLLTRIPGFGVPCPSVQLWQGVAAAGYGNQVRLYDASTGALHVQISAHARTISALDLAPEVGKLLSAAEDTFVHIWKLNRNPESGSIEVEHCHGECISDTQVCGARFCDPLGSSFAVTGYDLAEILRFGTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	35.6 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
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 after receiving vials.
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:	<a href="#">NP_076279</a>
Locus ID:	75659
UniProt ID:	<a href="#">Q9R0D8</a>



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RefSeq Size: 1267

Cytogenetics: 6 C3

RefSeq ORF: 1005

Synonyms: 1700030E05Rik

**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]