

## Product datasheet for TP517982

### Wdr26 (NM\_145514) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse WD repeat domain 26 (Wdr26), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217982 representing NM_145514 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQANGAGGGGGGGGGGGGQGQTPELAQLSAQNGESSPSATSAGDLAHANGLLPAAPSAAGNNSNSLSVNNGV PGGAAAASATAAAAQATPELGSSLKKKKRLSQSDDEVIRLIGQHLNGLNQLNQTVDLLMQESGCRLEHPSA TKFRNHVMEGDWDKAENDLNELKPLVHSPHAIWVRGALEISQTLGIIVRMKFLLQKYLEYLEDGKVL EALQVLRCELTPPKYNTERIHVLSGYLMCSHAEDLRAKAEWEGKGTASRSKLLDKLQTYLPPSVMLPPRR LQTLRQAVELQRDRCLYHNTKLDNNDLSVLLIDHVCSRRQFPCYTQQILTEHCNEVWFCKFSNDGTKL ATGSKDTTVIIWQVDPDTHLLKLLKTLLEGHAYGVSYIAWSPDDSYLVACGPDDCSELWLWNVQTGELRTK MSQSHEDSLTSAVWNPDKRFVTGGQRGQFYQCDLDGNLLDSWEGVRVQCLWCLSDGKTVLASDTHQRVR GYNFEDLTDRNIVQEDHPIMSFTISKNGRLALLNVATQGVHLWDLQDRVLVRKYQGVTVQGFYTIHSCFGG HNEDFIASGSEDHKVYIWHKRSELPPIAELTGHTRTVNCVSWNPQIPSMASASDDGTVRIWGPAPFIDHQ NIEECSSMDS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	70.5 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.



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RefSeq:	<a href="#">NP_663489</a>
Locus ID:	226757
UniProt ID:	<a href="#">Q8C6G8</a>
RefSeq Size:	7063
Cytogenetics:	1 H4
RefSeq ORF:	1923
Synonyms:	1600024A01Rik; AA693241; AI447817; AU044014; C77982; Gid7
Summary:	<p>G-beta-like protein involved in cell signal transduction. Acts as a negative regulator in MAPK signaling pathway. Functions as a scaffolding protein to promote G beta:gamma-mediated PLCB2 plasma membrane translocation and subsequent activation in leukocytes. Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (By similarity). Acts as a negative regulator of the canonical Wnt signaling pathway through preventing ubiquitination of beta-catenin CTNNB1 by the beta-catenin destruction complex, thus negatively regulating CTNNB1 degradation. Serves as a scaffold to coordinate PI3K/AKT pathway-driven cell growth and migration. Protects cells from oxidative stress-induced apoptosis via the down-regulation of AP-1 transcriptional activity as well as by inhibiting cytochrome c release from mitochondria (By similarity). Protects also cells by promoting hypoxia-mediated autophagy and mitophagy (By similarity).[UniProtKB/Swiss-Prot Function]</p>