OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP502245

Wdyhv1 (NM_029734) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse WDYHV motif containing 1 (Wdyhv1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202245 protein sequence Red=Cloning site Green=Tags(s) MEGDGPAATAPQYQPVCPTRDACVYNSCYCEENIWKLCEYIKTHNQYLLEECYAVFISNEKKMVPIWKQQ ARPENGPVIWDYHVVLLHVSREGQSFIYDLDTILPFPCPFDIYIEDALKSDDDIHLQFRRKFRVVRADSY LKHFASDRSHMKDSSGNWREPPPEYPCIETGDSKMNLNDFISMDPAVGWGAVYTLPEFVHRFSSKTYQA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.3 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:	NP_084010
Locus ID:	76773
UniProt ID:	Q80WB5
RefSeq Size:	1354
Cytogenetics:	15

View online »

RefSeq ORF: 627

Synonyms: 2410187C16Rik; AU014961; AW550036; Ntaq1

Summary: Mediates the side-chain deamidation of N-terminal glutamine residues to glutamate, an important step in N-end rule pathway of protein degradation. Conversion of the resulting N-terminal glutamine to glutamate renders the protein susceptible to arginylation, polyubiquitination and degradation as specified by the N-end rule. Does not act on substrates with internal or C-terminal glutamine and does not act on non-glutamine residues in any position. Does not deaminate acetylated N-terminal glutamine. With the exception of proline, all tested second-position residues on substrate peptides do not greatly influence the activity. In contrast, a proline at position 2, virtually abolishes deamidation of N-terminal glutamine. [UniProtKB/Swiss-Prot Function]