

Product datasheet for **TP300162L**

WDR5 (NM_052821) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 5 (WDR5), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200162 protein sequence Red =Cloning site Green =Tags(s)

MATEEKKPETEAARAQPTPSSSATQSKPTPVKPNYALKFTLAGHTKAVSSVKFSPNGEWLASSSADKLIK
IWGAYDGKFEKTISGHKLGISDVAWSSDSNLLVSASDDKTLKIWDVSSGKCLKTLKGHSNYVFCCNFNPQ
SNLIVSGSFDESRIWDVKTGKCLKTLPAHSDPVSAVHFNRDGLIVSSSYDGLCRIWDTASGQCLKTLI
DDDNPVSVFKFSPNGKYILAATLDNTLKLWDYSKGKCLKTYTGHKNEKYCIFANFSVTGGKWIVSGSED
NLVYIWNLQTKIVQKLQGHTDVVISTACHPTENIIASAALENDKTIKLVKSDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.4 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:	<u>NP_438172</u>
Locus ID:	11091



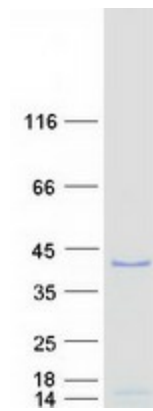
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UniProt ID: [P61964](#)
RefSeq Size: 3078
Cytogenetics: 9q34.2
RefSeq ORF: 1002
Synonyms: BIG-3; CFAP89; SWD3

Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 7 WD repeats. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified WDR5 protein (Cat# [TP300162]). The protein was produced from HEK293T cells transfected with WDR5 cDNA clone (Cat# [RC200162]) using MegaTran 2.0 (Cat# [TT210002]).