

## Product datasheet for **TP317569**

### WDR4 (NM\_033661) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 4 (WDR4), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217569 representing NM_033661 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAGSVGLALCGQTLVRRGSRFLATSIASSDDDSLFIYDCSAAEKKSQENKGEDAPLDQGSGAILASTFS NSGSYFALTDSDKRLILFRTPWQCLSVRTVARRCTALTFIASEEKVLVADKSGDVYSFVLEPHGCGRL ELGHLSMLLDVAVSPDDRIFILTADRDEKIRVSWAAAPHSIESFCLGHTEFVSRISVPTQPGLLLSSSGD GTLRLWEYRSGRQLHCCHLASLQELVDPQAPQKFAASRIAFWCQENCVALLCDGTSVVIYIFQLDARRQQL VYRQQLAFQHQVWDVAFEETQGLWVLQDCQEAPLVLYRPVGDQWQSVPESTVLKKVSGVLRGNWAML EGS AGADASFSSLYKATFDNVTSYLKKKEERLQQQLEKKQRRQSPPPGPDGHAKKMRPGEATLSC  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	45.3 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
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><a href="#">NP_387510</a></u>

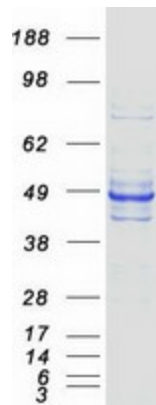


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Locus ID:	10785
UniProt ID:	<a href="#">P57081</a>
RefSeq Size:	1524
Cytogenetics:	21q22.3
RefSeq ORF:	1236
Synonyms:	GAMOS6; hWH; MIGSB; TRM82; TRMT82; Wuho

**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-aspartic acid (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 gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2012]

### Product images:



Coomassie blue staining of purified WDR4 protein (Cat# TP317569). The protein was produced from HEK293T cells transfected with WDR4 cDNA clone (Cat# [RC217569]) using MegaTran 2.0 (Cat# [TT210002]).