

## Product datasheet for **TP309040L**

### WDR73 (NM\_032856) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human WD repeat domain 73 (WDR73), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC209040 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MDPGDDWLVESLRLYQDFYAFDLGATRVLEWIDDKGVFVAGYESLKKNEILHLKLPLRLSVKENKGLFP  
ERDFKVRHGGFSDRSIFDLKHVPHTRLLVTSGLPGCYLQVWQVAEDSDVIKAVSTIAVHEKEESLWPRVA  
VFSTLAPGVLHGARLRSLQVVDLESRKTTYTSDVSDSEELSSLQVLDADTFACCASGRLGLVDTRQKWA  
PLENRSPGPGSGGERWCAEVGSWGQGPGPSIASLGSDGRLCLLDPRLDCHPVSSVQCPVSVSPDPPELLR  
VTWAPGLKNCLAISGFDGTVQVYDATSWDGTTRSQDGTRSQVEPLFTHRGHIFLDGNGMDPAPLVTTHTWH  
PCRPRTLLSATNDASLHVWDWVWDLCAPR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 41.5 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

**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:** [NP\\_116245](#)

**Locus ID:** 84942



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UniProt ID: [Q6P4I2](#), [Q5RKY8](#), [Q6P1L8](#)

RefSeq Size: 1855

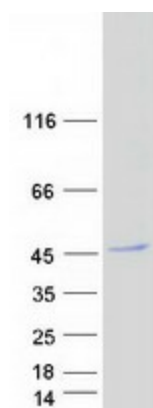
Cytogenetics: 15q25.2

RefSeq ORF: 1134

Synonyms: GAMOS; GAMOS1; HSPC264

**Summary:** The protein encoded by this gene is thought to contain multiple WD40 repeats. WD40 repeats are motifs that contain 40-60 amino acids, and usually end with Trp-Asp (WD). This protein is found in the cytoplasm during interphase, but accumulates at the spindle poles and astral microtubules during mitosis. Reduced expression of this gene results in abnormalities in the size and morphology of the nucleus. Mutations in this gene have been associated with Galloway-Mowat syndrome (PMID: 25466283), which is a rare autosomal recessive disorder that affects both the central nervous system and kidneys. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]

### Product images:



Coomassie blue staining of purified WDR73 protein (Cat# [TP309040]). The protein was produced from HEK293T cells transfected with WDR73 cDNA clone (Cat# [RC209040]) using MegaTran 2.0 (Cat# [TT210002]).