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 PH309040

WDR73 (NM_032856) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WDR73 MS Standard C13 and N15-labeled recombinant protein (NP_116245)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209040
Predicted MW:	41.7 kDa
Protein Sequence:	>RC209040 protein sequence Red=Cloning site Green=Tags(s) MDPGDDWLVESLRLYQDFYAFDLSGATRVLEWIDDKGVFVAGYESLKKNEILHLKLPLRLSVKENKGLFP ERDFKVRHGGFSDRSIFDLKHVPHTRLLVTSGLPGCYLQVWQVAEDSDVIKAVSTIAVHEKEESLWPRVA VFSTLAPGVLHGARLRSLQVVDLESRKTTYTSDVSDSEELSSLQVLDADTFAFCCASGRLGLVDTRQKWA PLENRSPGPGSGGERWCAEVGSWGQGPGPSIASLGSDGRLCLLDPRDLCHPVSSVQCPVSVPSPDPELLR VTWAPGLKNCLAISGFDGTVQVYDATSWDGTRSQDGTRSQVEPLFTHRGHIFLDGNGMDPAPLVTTHTWH PCRPRTLLSATNDASLHVWDWVDLCAPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116245
RefSeq Size:	1855
RefSeq ORF:	1134
Synonyms:	GAMOS; GAMOS1; HSPC264
Locus ID:	84942

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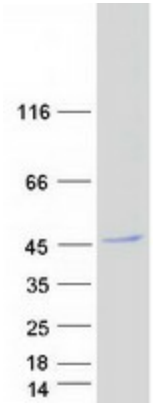
UniProt ID: Q6P4I2, Q5RKY8, Q6PJL8

Cytogenetics: 15q25.2

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]).