Recombinant Human WDR73 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WDR73-1618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WDR73 MS Standard C13 and N15-labeled recombinant protein (NP_116245) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.7 kDa
AA Sequence	MDPGDDWLVESLRLYQDFYAFDLSGATRVLEWIDDKGVFVAGYESLKKNEILHLKLP LRLSVKENKGLFPERDFKVRHGGFSDRSIFDLKHVPHTRLLVTSGLPGCYLQVWQV AEDSDVIKAVSTIAVHEKEESLWPRVAVFSTLAPGVLHGARLRSLQVVDLESRKTTYT SDVSDSEELSSLQVLDADTFAFCCASGRLGLVDTRQKWAPLENRSPGPGSGGERW CAEVGSWGQGPGPSIASLGSDGRLCLLDPRDLCHPVSSVQCPVSVPSPDPELLRVT

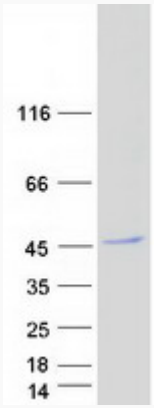
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	WAPGLKNCLAISGFDGTVQVYDATSWDGTRSQDGTRSQVEPLFTHRGHIFLDGNG MDPAPLVTTHTWHPCRPRTLLSATNDASLHVWDWVDLCAPRTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	WDR73 WD repeat domain 73 [Homo sapiens (human)]
Official Symbol	WDR73
Synonyms	WDR73; WD repeat domain 73; WD repeat-containing protein 73; FLJ14888; HSPC264; FLJ00296 protein;
Gene ID	84942
mRNA Refseq	NM_032856
Protein Refseq	NP_116245
MIM	616144

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UniProt ID	Q6P4I2
SDS-PAGE	

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