

Recombinant Human LRWD1 Protein, MYC/DDK-tagged

Cat. No. LRWD1-964H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LRWD1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene interacts with components of the origin recognition complex (ORC) and regulates the formation of the prereplicative complex. The encoded protein stabilizes the ORC and therefore aids in DNA replication. This protein is required for the G1/S phase transition of the cell cycle. In addition, the encoded protein binds to trimethylated histone H3 in heterochromatin and recruits the ORC and lysine methyltransferases, which help maintain the repressive heterochromatic state. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	70.7 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	LRWD1 leucine-rich repeats and WD repeat domain containing 1 [Homo sapiens]
Official Symbol	LRWD1
Synonyms	CENP-33; ORCA
Gene ID	222229
mRNA Refseq	NM_152892
Protein Refseq	NP_690852
UniProt ID	Q9UFC0

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