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Product datasheet for TP509749

Lrwd1 (NM_027891) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leucine-rich repeats and WD repeat domain containing 1 (Lrwd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209749 protein sequence Red=Cloning site Green=Tags(s) MAPLTPQLLLQRGRPKTDKLGKIQSLNLSGLQLLSEHLDPNLLGRLKKLRELDLSNNLLETLPANLGLSH LRILRCTNNQLGDVTALHQFPELEELNLEGNPFLTVSDNLKVSFLLPKLRKVNGKDTASTCSQVENLDRE LMDRVTAHWQKFIATVSPEEETDKVRADFMRSAVRDVCYGPESLIEFTQWRVRMIAEELVASGGAQVQDA KVPVEHPQAAGASKFRAREVASKRPGKDPVTLPPSKRVRALPPAQAEGSPMGADGGQAALHLEPLHFLQ C HSRNNSPKDLETQLWACAFEPAREEGHSRATSQTVATCGGEAVCVIDCQTGLVLHKYKVPGEEFFSVAWT ALTVVTQAGHKKRWNMLAAAGLRGMVRLLHVRAGFCCSVIRAHKKAIATLCFSPSHETHLFTASYDKRII LWDIGVPNQDYKFQASQLLTLNCGSVPLRLCPVATCPDDFLLAGCEGGCYCWDVRLDQPQKQRVCEVNF I FSEDSKVSGQRVDGLAFVNEDVVASKGSGQGTIYLWSWSQTWAGRGRQSVLPVVILVRLQWSPTNLAYFS LSTCPGKNLVLCGDEEGSVWIYDVEHLLKEPPQATTLQPPTQILKWPQPTALGQPVTKTMINTVVANAAF TYLTALTDSNIVSIWRRC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	71.6 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
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 after receiving vials.

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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_082167
Locus ID:	71735
UniProt ID:	Q8BUI3
RefSeq Size:	2201
Cytogenetics:	5 G2
RefSeq ORF:	1944
Synonyms:	1200011O22Rik; AU042569; AW548074; Orca
Summary:	Required for G1/S transition. Recruits and stabilizes the origin recognition complex (ORC) onto chromatin during G1 to establish pre-replication complex (preRC) and to heterochromatic sites in post-replicated cells. Binds a combination of DNA and histone methylation repressive marks on heterochromatin. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3 in a cooperative manner with DNA methylation (By similarity). Required for silencing of major satellite repeats. May be important ORC2, ORC3 and ORC4 stability.[UniProtKB/Swiss-Prot Function]