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Product datasheet for TP526240

Ddrgk1 (NM_029832) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DDRGK domain containing 1 (Ddrgk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226240 protein sequence Red=Cloning site Green=Tags(s) MVGPWVYLVAAVLLIGLILFLTRSRGRAAAADGEPLHNEEERAGAGQVGRSLPQESEEQRTGSRPRRRRD LGSRLQAQRRAQRVAWEDGDENVGQTVIPAQEEEGIEKPAEVHPTGKIGAKKLRKLEEKQARKAQREAEE AEREERKRLESQREAEWKKEEERLRLKEEQKEEEERKAQEEQARREHEEYLKLKEAFVVEEEGVSETMTE EQSHSFLTEFINYIKKSKVVLLEDLAFQMGLRTQDAINRIQDLLTEGTLTGVIDDRGKFIYITPEELAAV ANFIRQRGRVSITELAQASNSLISWGQDLPAQASA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36 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.
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_084108
Locus ID:	77006
UniProt ID:	Q80WW9

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RefSeq Size:	1101
Cytogenetics:	2 F1
RefSeq ORF:	945
Synonyms:	1110001I20Rik; 2600009E05Rik; AI326138; Ufbp1
Summary:	Protein which interacts with the E3 UFM1-protein ligase UFL1 and one of its substrates TRIP4 and is required for TRIP4 ufmylation. Through TRIP4 ufmylation may regulate nuclear receptors-mediated transcription. May play a role in NF-kappa-B-mediated transcription through regulation of the phosphorylation and the degradation of NFKBIA, the inhibitor of NF-kappa-B (By similarity). May also play a role in the cellular response to endoplasmic reticulum stress (PubMed:21494687). Plays a role in cartilage development through SOX9, inhibiting the ubiquitin-mediated proteasomal degradation of this transcriptional regulator (PubMed:28263186).[UniProtKB/Swiss-Prot Function]