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Product datasheet for TP509456

Os9 (NM_177614) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse amplified in osteosarcoma (Os9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209456 protein sequence Red=Cloning site Green=Tags(s) MAAEVLLSSLLGLLFLGLLLPARLTGGVGSLNLEELSEMRYGIQILPLPVMGGQSQASDVVVVSSKYKQR YECRLPAGAIHFQREREEETPAYQGPGIPELLSPMRDAPCLLKTKDWWTYEFCYGRHIQQYHMEDSEIKG DVLYLGHYQSSFNWDDETAKASKQHRLKRYHSQTYGNGSKCDLNGKPREAEVRFLCDEGAGISGDYIDRV DEPVSCSYVLTIRTSRLCPHPLLRPPASAAPQAILCHPALQPDEYMAYLQRQAESKQHEEKTTEEVQDTD RQVWSGSKAAGAPPKKEDVSPAKEEKESELWKLQGPEEQAAAREEAQAGEQDLNHEAAADPAPSPPNDFQ NNVQVKLIRSPADLIRLIEELKAAEKGKPSVRREQPGDDTTEAPQREAEGTKAKGKGGEPPGLMEEEDGD DEEEEEEEEEDEEEQQLLGEFEKELEGMLLPSDRERLRSEVKAGMERELENIIQETEKELDPEGLRKESE REQAILALTSTLDKLIKRLQENQSPELVQKYKKRRVVPQKPPPSPHPTGKIEIKIVRPGAEGKEEDTRWL TDEDTRNLKEIFFNILVQGAEEANKERQRQSELESNYRRVWGSPGGEDTGDLDEFDF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	69.7 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.

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RefSeq:	NP_808282
Locus ID:	216440
UniProt ID:	Q8K2C7
RefSeq Size:	3884
Cytogenetics:	10 D3
RefSeq ORF:	1854
Synonyms:	4632413K17Rik; AU022351
Summary:	Lectin which functions in endoplasmic reticulum (ER) quality control and ER-associated degradation (ERAD). May bind terminally misfolded non-glycosylated proteins as well as improperly folded glycoproteins, retain them in the ER, and possibly transfer them to the ubiquitination machinery and promote their degradation. Possible targets include TRPV4 (By similarity).[UniProtKB/Swiss-Prot Function]