

Product datasheet for TP501545

Dr1 (NM_026106) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse down-regulator of transcription 1 (Dr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201545 representing NM_026106 Red=Cloning site Green=Tags(s)
	<p>MASSSGNDDDLTIPRAAINKMIKETLPNVRVANDARELVNVCCTEFIHLSSEANEICNKSEKKTISPEH VIQALESGLFGSYISEVKEVLQECKTVALKRRKASSRLENLGIPEEELLRQQQELFAKARQQQAELAQQE WLQMQQAAQQAQLAAASASTQAGSSQDEEDDDDI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	19.9 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_080382
Locus ID:	13486
UniProt ID:	Q91WV0
RefSeq Size:	3080
Cytogenetics:	5 52.82 cM



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RefSeq ORF: 528

Synonyms: 1700121L09Rik; Dr1l; NC2; NC2beta

Summary: The association of the DR1/DRAP1 heterodimer with TBP results in a functional repression of both activated and basal transcription of class II genes. This interaction precludes the formation of a transcription-competent complex by inhibiting the association of TFIIA and/or TFIIIB with TBP. Can bind to DNA on its own. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (By similarity).[UniProtKB/Swiss-Prot Function]