

Recombinant Mouse Dr1 Protein, Myc/DDK-tagged

Cat. No. Dr1-2656M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length down-regulator of transcription 1 (Dr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 TFIIB 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.
Molecular Mass	19.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Dr1 down-regulator of transcription 1 [Mus musculus (house mouse)]

Official Symbol Dr1

Synonyms DR1; down-regulator of transcription 1; protein Dr1; NC2-beta; negative cofactor 2-beta; TATA-binding protein-associated phosphoprotein; NC2; Dr1l; NC2beta; 1700121L09Rik

Gene ID 13486

mRNA Refseq NM_026106

Protein Refseq NP_080382

UniProt ID Q91WV0

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