Recombinant Mouse Nrde2 Protein, Myc/DDK-tagged

Cat. No. Nrde2-1831M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cDNA sequence BC002230 (cDNA clone MGC:38228 IMAGE:5323598), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein of the nuclear speckles that regulates RNA degradation and export from the nucleus through its interaction with MTREX an essential factor directing various RNAs to exosomal degradation. Changes the conformation of MTREX, precluding its association with the nuclear exosome and interaction with proteins required for its function in RNA exosomal degradation. Negatively regulates, for instance, the degradation of mRNAs and lncRNAs by inhibiting their MTREX-mediated recruitment to nuclear exosome. By preventing the degradation of RNAs in the nucleus, it promotes their export to the cytoplasm.
Molecular Mass	86.5 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Nrde2 nrde-2 necessary for RNA interference, domain containing [Mus musculus (house mouse)]
Official Symbol	Nrde2
Synonyms	Nrde2; nrde-2 necessary for RNA interference, domain containing; 6720454P05Rik; nuclear exosome regulator NRDE2; UPF0614 protein C14orf102 homolog; protein NRDE2 homolog
Gene ID	217827
mRNA Refseq	NM_001290303
Protein Refseq	NP_001277232
UniProt ID	Q80XC6

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA