

Recombinant Mouse Bend3 Protein, Myc/DDK-tagged

Cat. No. Bend3-1857M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length BEN domain containing 3 (Bend3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional repressor which associates with the NoRC (nucleolar remodeling complex) complex and plays a key role in repressing rDNA transcription. The sumoylated form modulates the stability of the NoRC complex component BAZ2A/TIP5 by controlling its USP21-mediated deubiquitination. Binds to unmethylated major satellite DNA and is involved in the recruitment of the Polycomb repressive complex 2 (PRC2) to major satellites. Stimulates the ERCC6L translocase and ATPase activities.
Molecular Mass	94.2 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 Bend3 BEN domain containing 3 [Mus musculus (house mouse)]

Official Symbol Bend3

Synonyms Bend3; BEN domain containing 3; mKIAA1553; BEN domain-containing protein 3

Gene ID 331623

mRNA Refseq NM_199028

Protein Refseq NP_950193

UniProt ID Q6PAL0

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