

Recombinant Human BEND3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BEND3-3478H Lot. No. (See product label)

SPECIFICATION

Product Overview	BEND3 MS Standard C13 and N15-labeled recombinant protein (NP_001073919) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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 (By similarity). Stimulates the ERCC6L translocase and ATPase activities.
Molecular Mass	94.3 kDa
AA Sequence	MNSTEFTEDVEEV LKSITVKVETEAEDAALDCSVNSRTSEKHSVDSVLTALQDSSKR KQLVSDGLLDSPGVKRRRLIPEALLAGMRNRENSSPCQGNGEQAGRGRSLGNVW PGEEPCNDATTPSYKKPLYGISHKIMEKKNPPSGDLLNVYELFEKANASNPSLLR LLNEPQKRDCGSTGAGTDNDPNYFLIQKMFYMLNLTLSNMSQLHSHKVDLLSLEVSR IKKQVSPTEMVAKFQPPPEYQLTAAELKQIVDQSLSGGDLACRLLVQLFPELFSVDV FSRGCSACGFAAKRKLES LHLQLIRNYVEVYPSVKDTAVWQAECLPQLNDFFSRF

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WAQREMEDSQPSGQVASFFAEQVDPGHFLDNKDQEEALSLDRSSTIASDHVVDT
 QDLTEFLDEASSPGEFAVFLHRLFPFLDHRKLGEQYSCYGDGGKQELDPQRLQII
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 ERFREEFEGPPLPPERSSKDFCKIPLDELVVPSPDFPVPSPYLLSDKEVREIVQQSLS
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 MEEVWHYECIPSIDERCRRPNRKKCDILKKAKKVEKTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BEND3 BEN domain containing 3 [Homo sapiens (human)]

Official Symbol BEND3

Synonyms BEND3; BEN domain containing 3; KIAA1553; BEN domain-containing protein 3

Gene ID 57673

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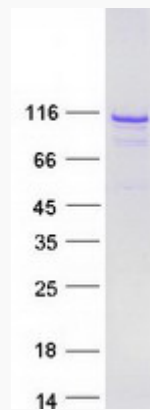
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Protein Refseq [NP_001073919](#)

MIM [616374](#)

UniProt ID [Q5T5X7](#)

SDS-PAGE



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