

Recombinant Full Length Human BEND3 Protein, C-Flag-tagged

Cat. No. BEND3-1528HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BEND3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables rDNA binding activity. Involved in several processes, including histone modification; negative regulation of macromolecule metabolic process; and protein homooligomerization. Located in heterochromatin; nucleolus; and nucleoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	94.3 kDa
AA Sequence	MNSTEFTEDVEEV LKSITVKVETEAEDAALDCSVNSRTSEKHSVDSVLTA LQDSSKR KQLVSDGLLDSVP GVKRRRLIPEALLAGMRNRENSSPCQGNGEQAGRGRSLGNV WPGEEPCNDATTPSYKKPLYGISHKIME KKNPPSGDLLNVYELFEKANASNSSPSS LRLNLPQKRDCGSTGAGTDNDPNYFLIQKMFYMLNTLTSM SQLHSKVDLLSLEV SRIKKQVSPTEMVAKFQPPPEYQLTAAELKQIVDQSLSGGDLACRLLVQLFPELFS D VDFSRGCSACGFAAKRKLESLHLQLIRNYVEVYPSVKDTAVWQAECLPQLNDDFFS RFWAQREMEDSQP SGQVASFFAEQVDPGHFLDNKDQEEALSLDRSSTIASDHVV DTQDLTEFLDEASSPGEFAVFLHRLFP ELFDHRKLGEQYSCYGDGGKQELDPQRL QIIRNYTEIYFPDMQEEEAWLQQCAQRINDELEGLGLDAGSE GDPPRDDCYDSSSL

 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

PDDISVVKVEDSFEGERPGRRSKKIWLVPIDFDKLEIPQPDFEVPGADCLLSKEQL R
 SIYESSLSIGNFASRLLVHLFPELFTHENLRKQYNCSGSLGKKQLDPSRIKLIRHYVQL
 LYPRAKNDRV WTLEFVGKLDERCRRRDTEQRRSYQQQRKVHVPGPCECRDLTSYAI
 NPERFREEFEGPPLPPERSSKDFCK IPLDELVVPSPDFVPSPYLLSDKEVREIVQQ
 SLSVGNFAARLLVRLFPELFTAENLRLQYNHSGACNKK
 QLDPTRLRLIRHYVEAVYPVEKMEEVWHYECIPSIDERCRRPNRKKCDILKKAKKVE
 KTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	BEND3 BEN domain containing 3 [Homo sapiens (human)]
Official Symbol	BEND3
Synonyms	KIAA1553
Gene ID	57673

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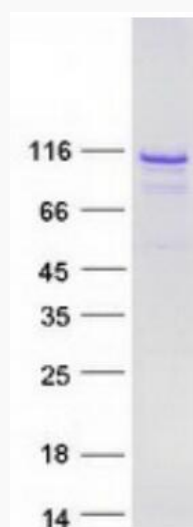
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mRNA Refseq [NM_001080450.3](#)

Protein Refseq [NP_001073919.1](#)

MIM [616374](#)

UniProt ID [Q5T5X7](#)



Coomassie blue staining of purified BEND3 protein.

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