

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human BEND3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 94.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MNSTEFTEDVEEV LKSITVKVETEAEDAALDCSVNSRTSEKHSVDSVLTA LQDSSKR</p> <p>KQLVSDG LLD SVP GVKRRRLIPEALLAGMRNRENSSPCQGNGEQAGRGRSLGNV</p> <p>WPGEEEP CNDATTPSYKKPLYGISHKIME KKNPPSGDLLNVYELFEKANASNSSPSS</p> <p>LRLLN EPQKRDCGSTGAGTDNDPNYFLIQKMFYMLNTLTSM SQLHSKVDLLSLEV</p> <p>SRIKKQVSPTEMVAKFQPPPEYQLTAAELKQIVDQSLSGGDLACRLLVQLFPELFS D</p> <p>VDFS RGC SACGFAAKRKLES LHLQLIRNYVEVYYP SVKDTAVWQAECLPQLNDDFFS</p> <p>RFWAQREMEDSQP SGQVASFFAEQVDPGHFLDNKDQEEALSLDRSSTIASDHVV</p> <p>DTQDLTEFLDEASSPGEFAVFLHRLFP ELFDHRKLGEQYSCYGDGGKQELDPQRL</p> <p>QIIRNYTEIYFPDMQEEEA WLQQCAQRINDELEGLGLDAGSE GDPPRDDCYDSSSL</p> |

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PDDISVVKVEDSFEGERPGRRSKKIWLVPIDFDKLEIPQPDFEVPGADCLLSKEQL R  
 SIYESSLSIGNFASRLLVHLFPELFTHENLRKQYNCSGSLGKKQLDPSRIKLIRHYVQL  
 LYPRAKNDRV WTLEFVGKLDERCRRRDTEQRRSYQQQRKVHVPGPCECRDLTSYAI  
 NPERFREEFEGPPLPPERSSKDFCK IPLDELVVPSPDFVPSPYLLSDKEVREIVQQ  
 SLSVGNFAARLLVRLFPELFTAENLRLQYNHSGACNKK  
 QLDPTRLRLIRHYVEAVYPVEKMEEVWHYECIPSIDERCRRPNRKKCDILKKAKKVE  
 KTRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>Gene Name</b>       | BEND3 BEN domain containing 3 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | BEND3                                                  |
| <b>Synonyms</b>        | KIAA1553                                               |
| <b>Gene ID</b>         | 57673                                                  |

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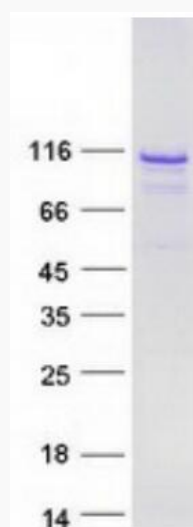
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**mRNA Refseq** [NM\\_001080450.3](#)

**Protein Refseq** [NP\\_001073919.1](#)

**MIM** [616374](#)

**UniProt ID** [Q5T5X7](#)



Coomassie blue staining of purified BEND3 protein.

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