

# Recombinant Full Length Human BNIPL Protein, GST-tagged

Cat. No. BNIPL-3760HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BNIPL full-length ORF ( AAH27868, 1 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	275 amino acids
<b>Description</b>	This gene reduces the metastatic potential, but not the tumorigenicity, of human breast cancer and melanoma cell lines. The protein encoded by this gene localizes primarily to the nucleus and is a component of the mSin3a family of histone deacetylase complexes (HDAC). The protein contains two coiled-coil motifs and several imperfect leucine zipper motifs. Alternative splicing results in two transcript variants encoding different isoforms.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	55.99 kDa
<b>AA Sequence</b>	MRKRLSAPELRLSLTKGPGNDGASPTQSAPSSPDGSSDLEIDELETPSDSEQLDSG HEFEWEDELPRAEGLGTSETAERLGRGCMWDVTGEDGHHWRVFRMGPREQRVD MTVIEPYKKVLSHG GYHGDGLNAVILFASCYLPRSSIPNYTYVMEHLFRYMGVGTLELL VAENYLLVHLSGGTSRAQVPPLSWIRQCYRTLDRRLRKNLRLV VVHATWYVKAFL ALLRPFISSEKFRKIRFLDSL GELAQSLDQVHIPEAVRQLDRDLHGSGGT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BNIPL BCL2/adenovirus E1B 19kD interacting protein like [ Homo sapiens ]
<b>Official Symbol</b>	BNIPL
<b>Synonyms</b>	BNIPL; BCL2/adenovirus E1B 19kD interacting protein like; bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein; BNIPI 1; BNIPL 2; PP753; BNIP-2 similar; BNIP-S; BNIPL-1; BNIPL-2;
<b>Gene ID</b>	149428
<b>mRNA Refseq</b>	NM_001159642
<b>Protein Refseq</b>	NP_001153114
<b>MIM</b>	611275
<b>UniProt ID</b>	Q7Z465

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