

Recombinant Full Length Human BBC3 Protein, C-Flag-tagged

Cat. No. BBC3-558HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BBC3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	20.4 kDa
AA Sequence	MARARQEGSSPEPVEGLARDGPRPFPLGRLVPSAVSCGLCEPGLAAAPAAPTLLPA AYLCAPTAPPAVTA ALGGSRWPGGPRSRPRGPRPDGPQPSLSLAEQHLESPVPSA PGALAGGPTQAAPGVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTR TRPLEQKLISEEDLAANDILDYKDDDDKV

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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.
Protein Families	Druggable Genome
Protein Pathways	Huntington's disease, p53 signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	BBC3 BCL2 binding component 3 [Homo sapiens (human)]
Official Symbol	BBC3
Synonyms	JFY1; PUMA; JFY-1
Gene ID	27113
mRNA Refseq	NM_014417.5
Protein Refseq	NP_055232.1

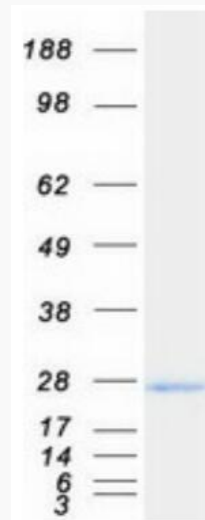
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MIM 605854

UniProt ID Q9BXH1



Coomassie blue staining of purified BBC3 protein.

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