Recombinant Human BBC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BBC3-5229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BBC3 MS Standard C13 and N15-labeled recombinant protein (NP_055232) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	20.4 kDa
AA Sequence	MARARQEGSSPEPVEGLARDGPRPFPLGRLVPSAVSCGLCEPGLAAAPAAPTLLPA AYLCAPTAPPAVTAALGGSRWPGGPRSRPRGPRPDGPQPSLSLAEQHLESPVPSA PGALAGGPTQAAPGVRGEEEQWAREIGAQLRRMADDLNAQYERRRQEEQQRHRP SPWRVLYNLIMGLLPLPRGHRAPEMEPNTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

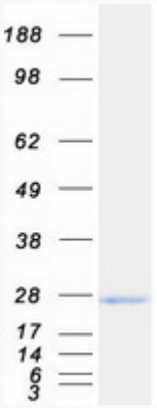
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	BBC3 BCL2 binding component 3 [Homo sapiens (human)]
Official Symbol	BBC3
Synonyms	BBC3; BCL2 binding component 3; bcl-2-binding component 3; JFY1; PUMA; p53 up-regulated modulator of apoptosis; JFY-1; FLJ42994;
Gene ID	27113
mRNA Refseq	NM_014417
Protein Refseq	NP_055232
MIM	605854
UniProt ID	Q96PG8

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SDS-PAGE	

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