

OriGene Technologies, Inc.

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Product datasheet for TP313203L

Bcl2 Binding component 3 (BBC3) (NM_014417) Human Recombinant Protein

Product data:

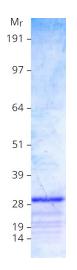
Nescription:Recombinant protein of human BCL2 binding component 3 (BBC3), transcript variant 4, 1 mgSpecies:HumanExpression Host:HEK293TTarpession cDNACom or AA Sequence:RC213203 representing NM_014417 Red=Cloning site Green=Tags(s)MARARQEGSSPEPVEGLARDGPRPFPLGRLVPSAVSCGLCEPGLAAAPAAPTLLPAAYLCAPTAPPAVTA AcGGSRWPGGPRSRPRGPRPDGPQPSLSLAEQHLESPVPSAPGALAGGPTQAAPCVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTag:CA4gc/DDKTag:C44yc/DDKPredicted MW:20.4 kDa0.05 µg/µL as determined by microplate BCA methodPurity:80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Combinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Coresting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Sole for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq Xia:MP 55232Locus ID:Q98XH1RefSeq Xia:1840	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA ClossRC213203 representing NM_014417 Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)RARARQEGSSPEPVEGLARDGPRPFDGPQPSLSLAEQHLESPVPSAPGALAGGPTQAAPGVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTag:TRTPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:0.05 µg/µL as determined by microplate BCA methodPurity:0.05 µg/µL as determined by Microplate BCA methodPurity:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.50 mg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:For testing in cell culture applications, please filter before use. Note that you may experience chromatography steps.Note:Sore at -80°C.Storage:Stability:RefSeq:NP 055232Icous ID:VI 055232Locus ID:QBXH1	Description:	Recombinant protein of human BCL2 binding component 3 (BBC3), transcript variant 4, 1 mg
Aresession CDNA ClooReC13203 representing NM_014417 Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MARARQEGSSPEPVEGLARDGPRPFPLGRLVPSAVSCGLCEPGLAAAPAAPTLLPAAYLCAPTAPPAVTA ALGGSRWPGGPRSRPRGPRPDGPQPSLSLAEQHLESPVPSAPGALAGGPTQAAPGVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:20.4 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Note:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 055232Locus ID:Q9BXH1	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)WARARQEGSSSPEPVEGLARDGPRPFJGRLVPSAVSCGLCEPGLAAAPAAPTLLPAAYLCAPTAPPAVTA ALGGSRWPGGPRSRPRGPRDGPQPSLSLAEQHLESPVPSAPGALAGGPTQAAPGVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:20.4 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at-80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 055232Locus ID:09BXH1	Expression Host:	HEK293T
ALGGSRWPGGPRSRPRGPRPDGPQPSLSLAEQHLESPVPSAPGALAGGPTQAAPGVRGEEEQWAREIGAQ LRRMADDLNAQYERRRQEEQQRHRPSPWRVLYNLIMGLLPLPRGHRAPEMEPNTag:CMyc/DEKTag:C-Myc/DDKPredicted MW:0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sore at -80°C.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 055232Locus ID:QIBXH1	•	
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Predicted MW:20.4 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 055232Locus ID:27113UniProt ID:OyBXH1		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.RefSeq:N po 55232Locus ID:27113UniProt ID:OBEMH	Tag:	C-Myc/DDK
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 055232Locus ID:27113UniProt ID:Q9BXH1	Predicted MW:	20.4 kDa
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 055232Locus ID:27113UniProt ID:Q9BXH1	Concentration:	>0.05 µg/µL as determined by microplate BCA method
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 055232Locus ID:27113UniProt ID:Q9BXH1	Storage:	Store at -80°C.
Locus ID: 27113 UniProt ID: Q9BXH1	Stability:	
UniProt ID: <u>Q9BXH1</u>	RefSeq:	<u>NP 055232</u>
	Locus ID:	27113
RefSeq Size: 1840	UniProt ID:	<u>Q9BXH1</u>
	RefSeq Size:	1840



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	Bcl2 Binding component 3 (BBC3) (NM_014417) Human Recombinant Protein – TP313203L
Cytogenetics:	19q13.32
RefSeq ORF:	579
Synonyms:	JFY-1; JFY1; PUMA
Summary:	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. [provided by RefSeq, Dec 2011]
Protein Families:	Druggable Genome
Protein Pathway	s: Huntington's disease, p53 signaling pathway

Product images:



Coomassie blue staining of purified BBC3 protein (Cat# [TP313203]). The protein was produced from HEK293T cells transfected with BBC3 cDNA clone (Cat# [RC213203]) using MegaTran 2.0 (Cat# [TT210002]).

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