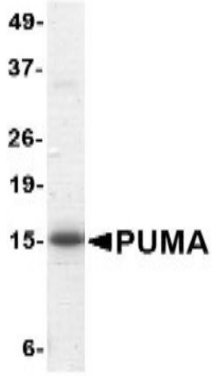
cellsciences.com

BBC3
Recombinant Human PUMA (aa 76-170) His/StrepII Tag

Catalog No.	CRP170	**Quantity:**	50 µg
Alternate Names:	Bcl-2-binding component 3, isoforms 1/2, JFY-1, p53 up-regulated modulator of apoptosis		
Description:	The p53 tumor-suppressor protein induces apoptosis through transcriptional activation of several genes. A novel p53 inducible pro-apoptotic gene was identified recently and designated PUMA (for p53 upregulated modulator of apoptosis) and bbc3 (for Bcl-2 binding component 3) in human and mouse. PUMA is one of the pro-apoptotic Bcl-2 family members including Bax and Noxa, which are also transcriptional targets of p53. The PUMA gene encodes two BH3 domain-containing proteins termed PUMA-α and PUMA-β. PUMA proteins bind Bcl-2, localize to the mitochondria, and induce cytochrome c release and apoptosis in response to p53. PUMA may be a direct mediator of p53-induced apoptosis.		
UniProt ID:	Q9BXH1		
Gene ID:	27113		
Concentration:	1.0 mg/ml		
Source:	*E. coli*		
Molecular Weight:	15 kDa (aa 76-170)		
Formulation:	PBS containing 0.1% SDS and 0.02% Sodium Azide.		
Purity:	~95%		
Fusion Tag:	His-tag and StrepII-tag at N-terminus		
Applications:	Western blot, ELISA		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**		

4-20% gradient SDS-PAGE, with Coomassie Blue staining.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com