

## ENDOG

### Synthetic Human Endonuclease G (aa 521-536) Blocking Peptide

<b>Catalog No.</b>	PX223BP	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	FLJ27463		
<b>Description:</b>	The protein encoded by this gene is a nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA.		
<b>Gene ID:</b>	2021		
<b>Application:</b>	The peptide is used for blocking the antibody activity of EndoG. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
<b>Formulation:</b>	It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM, Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Sequence:</b>	GGPRGPGELAKYGLP		
<b>Storage &amp; Stability:</b>	Store at -20°C, stable for one year.		

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

