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## Datasheet for ABIN7318410 **DFFA Protein (His tag)**



Overview	
Quantity:	50 µg
Target:	DFFA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DFFA protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human DFFA Protein (His Tag)
Sequence:	Met 1-Thr331
Characteristics:	Recombinant Human DNA Fragmentation Factor Subunit alpha is produced by our E.coli expression system and the target gene encoding Met1-Thr331 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per $\mu$ g as determined by the LAL method.
Target Details	
Target:	DFFA

Target:	DFFA
Alternative Name:	DFFA (DFFA Products)
Background:	Background: DNA Fragmentation Factor Subunit Alpha (DFFA). DFFA exists as a heterodimer
	(DFF) with DFFB. DFF is activated once DFFA is cleaved by Caspase-3. The cleaved fragments

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## Target Details

	of DFFA detach from DFFB (the active component of DFF), which in turn triggers DNA fragmentation as well as chromatin condensation during apoptosis. A reduced level of DFFA detected in ovarian endometriosis may be a part of an apoptosis-resistant mechanism enhancing the disease progression. Synonym: DNA Fragmentation Factor Subunit Alpha, DNA Fragmentation Factor 45 kDa Subunit, DFF-45, Inhibitor of CAD, ICAD, DFFA, DFF1, DFF45, H13
Molecular Weight:	38.7 kDa
UniProt:	000273
Pathways:	Apoptosis, Caspase Cascade in Apoptosis
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 $\mu m$ filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.