

Recombinant Human DFFA Protein (His Tag)

Catalog Number:PKSH032359



Note: Centrifuge before opening to ensure complete recovery of vial contents.

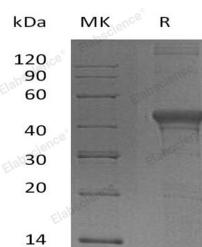
Description

Synonyms	DNA Fragmentation Factor Subunit Alpha;DNA Fragmentation Factor 45 kDa Subunit;DFF-45;Inhibitor of CAD;ICAD;DFFA;DFF1;DFF45;H13
Species	Human
Expression Host	E.coli
Sequence	Met 1-Thr331
Accession	AAH07721.1
Calculated Molecular Weight	38.7 kDa
Observed molecular weight	40-50 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μ m filtered solution of PBS, pH7.4.
Reconstitution	Not Applicable

Data



> 85 % as determined by reducing SDS-PAGE.

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 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.

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