

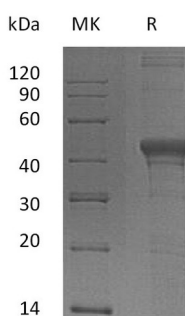
Product Name: Recombinant Human DFF45 (N-6His)
Catalog #: PEH0532



Summary

Name	DFF45/DFFA/ICAD
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAH07721.1
Host	E.coli
Species	Human
Predicted Molecular Mass	38.7 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	DNA Fragmentation Factor Subunit Alpha; DNA Fragmentation Factor 45 kDa Subunit; DFF-45; Inhibitor of CAD; ICAD; DFFA; DFF1; DFF45; H13
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

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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.

Note

For Research Use Only , Not for Diagnostic Use.