

Recombinant Human DFFA Protein (His Tag)

Catalog Number: PKSH032359

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

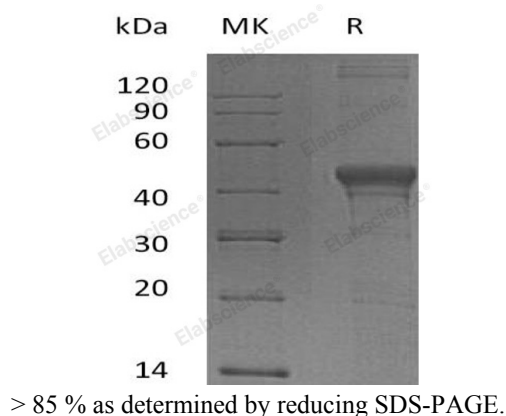
Description

Species	Human
Source	E.coli-derived Human DFFA protein Met 1-Thr331, with an N-terminal His
Calculated MW	38.7 kDa
Observed MW	40-50 kDa
Accession	AAH07721.1
Bio-activity	Not validated for activity

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg 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 µm filtered solution of PBS, pH7.4.

Data



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.