

32-8112: Recombinant Human DNA Fragmentation Factor Subunit α /DFFA/DFF45/ICAD (N-6His)

Gene : DFFA
Gene ID : 1676
Uniprot ID : O00273

Description

Source: E. coli.
MW :38.7kD.

Recombinant Human DFF45 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. 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.

Product Info

Amount : 10 μ g / 50 μ g
Content : Supplied as a 0.2 μ m filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMEVTGDAGVPESGEIRTLKPCLLRRNYSREQHGVAASCLEDLRSKACDILAI
KSLTPVTLVLAEDGTIVDDDDYFLCLPSNTKFVALASNEKWAYNNSDGGTAWISQESFDVDETDGAGLKWKN
VARQLKEDLSSIILLSEEDLQMLVDAPCSDLAQELRQSCATVQRLQHTLQQVLDQREEVRQSKQLLQYLQALE
KEGSLLSKQEEKAAFGEVDAVDTGISRETSSDVALASHILTALREKQAPELSLSSQDLELVTKEDPKALAVAL
NWDIKKTETVQEACEWELALRLQQTQSLHSLRSISASKASPPGDLQNPKRARQDPT

Application Note

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.