

DFFA, 1-331 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01867

3th Edition

Synonyms:DNA fragmentation factor subunit alpha. FF-45, DFF1, ICAD

Description:DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA, also known as DNA fragmentation factor subunit alpha, is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol1mM DTT.

Molecular Weight:38.7 kDa (351aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMEVTGDAGVPESGEIRTLKPCLLRRNYSREQHGVAASCLEDLRSKACDILAIKSL
TPVTLVLAEDGTIVDDDDYFLCLPSNTKFVALASNEKWAYNNSDGGTAWISQESFDVDETDSGAGLKWKNVARQL
KEDLSSIILLSEEDLQMLVDAPCSDLAQELRQSCATVQRLQHTLQQVLDQREEVRQSKQLLQLYLQALEKEGSLLSK
QEESKAAFGEVDAVDTGISRETSSDVALASHILTALREKQAPELSLSSQDLELVTKEDPKALAVALNWDIKKTETVQ
EACEWELALRLQQTQSLHSLRSISASKASPPGDLQNPKRARQDPT

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.