DNA fragmentation factor subunit beta (Dffb) Recombinant Protein | Dffb recombinant protein

Recombinant Rat DNA fragmentation factor subunit beta (Dffb)

CATALOG #	HOST
AAA117263	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

DNA fragmentation factor subunit beta (Dffb); Recombinant Rat DNA fragmentation factor subunit beta (Dffb); Dffb recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-349, full length protein
Sequence	MCAVLPQPKC VKLRALHSSC KFGVAARSCQ ELLRKGCIRF QLPVPGSRLC MYEDGTEVTD DCFPSLPNDS ELLLLTAGET WHGYVSDITR LLSVFNEPHA GVIQAARQLL SDEQAPLRQK LLADLLHHVS QNITAETREQ DPSWFEGLES RFRNKSGYLR YSCESRIRGY LREVSAYISM VDAAAREEYL RVLSSMCHKL KSVQYNGSYF DRGAEASSRL CTPEGWFSCQ GPFDLESCLS KHSINPYGNR ESRILFSTWN LDHIIEKKRT VVPTLAEAIQ DGREVNWEYF YSLLFTAENL KLVHIACHKK TTHKLQCDRS RIYRPQTGSR RKQPPRKQPP RKRPPRKRQ
Sequence Length	349
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Dffb recombinant protein	Apoptosis is a cell death process that removes toxic and or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene but the biological validity of these variants has not been determined.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758090
NCBI GeneID	84359
NCBI Accession #	NP_445814.1
NCBI GenBank Nucleotide #	NM_053362.1
UniProt Accession #	Q99N34

Molecular Weight	40,097 Da
NCBI Official Full Name	DNA fragmentation factor subunit beta
NCBI Official Synonym Full Names	DNA fragmentation factor subunit beta
NCBI Official Symbol	Dffb
NCBI Official Synonym Symbols	Cad
NCBI Protein Information	DNA fragmentation factor subunit beta
UniProt Protein Name	DNA fragmentation factor subunit beta
UniProt Gene Name	**Dffb**
UniProt Synonym Gene Names	Cad; CAD; Caspase-activated DNase; DFF-40

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/dffb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117263