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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DFFB (Human) Recombinant Protein (P01)

Catalog Number: H00001677-P01

Regulation Status: For research use only (RUO)

Product Description: Human DFFB full-length ORF (NP_004393.1, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLQKPKSVKLRALRSPRKFGVAGRSCQEVLRLKGLRF
QLPERGSRLCLYEDGTELTEDYFPSVPDNAELVLLTLG
QAWQGYVSDIRRFLSAFHEPQVGLIQAQQLLCDEQA
PQRQRLLADLLHNVSQNIAAETRAEDPPWFEGLESRF
QSKSGYLRYSCESRIRSYLREVSSYPSTVGAEAEQEEF
LRVLGSMCQRLRSMQYNGSYFDRGAKGGSRLCTPEG
WFSCQGPFDMDSCLSRHSINPYSNRESRILFSTWNL
HIIKKRTIIPTLVEAIKEQDGREVDWEYFYGLLFTSEN
KLVHIVCHKKTTHKLNCDPSRIYKQPTRLKQVPRKR
Q

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.5

Interspecies Antigen Sequence: Mouse (77); Rat (77)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1677

Gene Symbol: DFFB

Gene Alias: CAD, CPAN, DFF-40, DFF2, DFF40

Gene Summary: 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. [provided by RefSeq]