

## Recombinant Human DFFB Protein(1-338aa), His-tagged

Cat. No. DFFB-1957H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human DFFB Protein(1-338aa)(O76075), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                              |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                  |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                 |
| ProteinLength    | 1-338aa                                                                                                                                                                                                                                                                                                                                                                |
| Form             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                     |
| Molecular Mass   | 45.1 kDa                                                                                                                                                                                                                                                                                                                                                               |
| Purity           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                            |
| Storage          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                         |
| Reconstitution   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

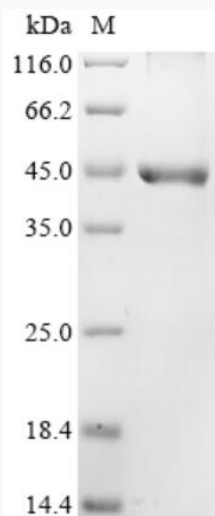
|                        |                                                                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DFFB DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)<br>[ Homo sapiens ]                                                                                                                                                                                                 |
| <b>Official Symbol</b> | DFFB                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | DFFB; DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase); DNA fragmentation factor subunit beta; CAD; CPAN; DFF 40; DFF40; caspase-activated DNase; caspase-activated nuclease; caspase-activated deoxyribonuclease; DNA fragmentation factor 40 kDa subunit; DFF2; DFF-40; |
| <b>Gene ID</b>         | 1677                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_004402                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_004393                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 601883                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | O76075                                                                                                                                                                                                                                                                                               |

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## SDS-PAGE



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