

## Recombinant Mouse Dffa protein, His & T7-tagged

**Cat. No.** Dffa-1836M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Dffa aa. (Lys19~Ser262 (Accession # O54786)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Lys19~Ser262                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 30.7kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

-80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point**

4.5

## GENE INFORMATION

**Gene Name**

Dffa DNA fragmentation factor, alpha subunit [ *Mus musculus* (house mouse) ]

**Official Symbol**

Dffa

**Synonyms**

Dffa; DNA fragmentation factor, alpha subunit; ICAD; DFF35; Dff45; ICAD-L; ICAD-S; A330085O09Rik; DNA fragmentation factor subunit alpha; DNA fragmentation factor 45 kDa subunit; inhibitor of CAD

**Gene ID**

13347

**mRNA Refseq**

NM\_001025296.2

**Protein Refseq**

NP\_001020467.1

**UniProt ID**

O54786

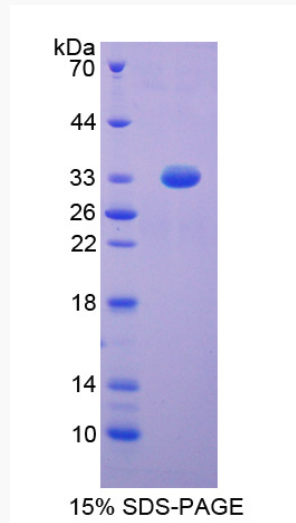
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SDS-PAGE



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