

## Recombinant Human RNF39 protein, His & T7-tagged

**Cat. No.** RNF39-1391H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RNF39 aa. (Met1~Ser420 (Accession # Q9H2S5) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Met1~Ser420                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene lies within the major histocompatibility complex class I region on chromosome 6. Studies of a similar rat protein suggest that this gene encodes a protein that plays a role in an early phase of synaptic plasticity. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 49.2kDa.                                                                                                                                                                                                                                                                                       |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                     |
| <b>Characteristic</b>   | The isoelectric point is 8.7.                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                 |

 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

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 -80°C for 12 months.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage buffer</b> | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

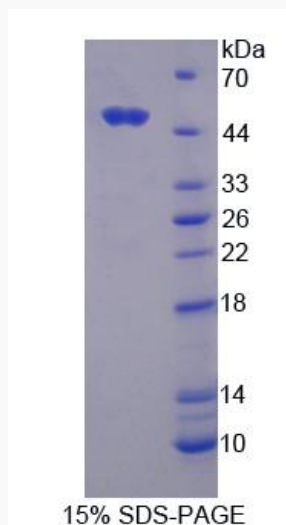
|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RNF39 ring finger protein 39 [ Homo sapiens (human) ]                                                                                          |
| <b>Official Symbol</b> | RNF39                                                                                                                                          |
| <b>Synonyms</b>        | RNF39; ring finger protein 39; HZF; HZFW; LIRF; RING finger protein 39; LTP (long-term potentiation) induced RING finger protein; protein HZFW |
| <b>Gene ID</b>         | 80352                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_025236.3                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_079512.2                                                                                                                                    |
| <b>UniProt ID</b>      | Q9H2S5                                                                                                                                         |

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SDS-PAGE



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