

## Recombinant Mouse Nrf1 protein, His-tagged

**Cat. No.** Nrf1-5488M    **Lot. No.** (See product label)

### SPECIFICATION

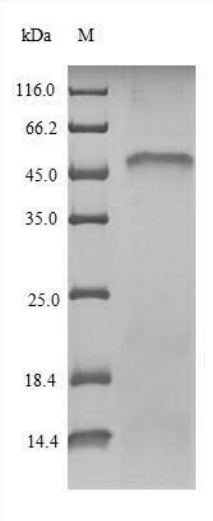
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Nrf1 protein(Q9WU00)(1-503aa), fused to N-terminal His tag, was expressed in Yeast.                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-503aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | 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.                            |
| <b>Molecular Mass</b>   | 55.6 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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%. |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Nrf1 nuclear respiratory factor 1 [ Mus musculus ]                                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | Nrf1                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | NRF1; nuclear respiratory factor 1; NRF-1; alpha-pal; alpha palindromic-binding protein; C87038; D6Ertd415e;                                                                                                                                                                                                                                           |
| <b>Gene ID</b>         | 18181                                                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001164226                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_001157698                                                                                                                                                                                                                                                                                                                                           |
| <b>SDS-PAGE</b>        |  <p>The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single protein band is visible in the sample lane, positioned between the 45.0 and 66.2 kDa markers, approximately at 55 kDa.</p> |