

## Recombinant Human NFE2, GST-tagged

Cat. No. NFE2-1276H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human NFE2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-373aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | NFE2 nuclear factor (erythroid-derived 2), 45kDa [ Homo sapiens ]                                                                                                                                                                                         |
| Official Symbol | NFE2                                                                                                                                                                                                                                                      |
| Synonyms        | NFE2; nuclear factor (erythroid-derived 2), 45kDa; nuclear factor (erythroid derived 2), 45kD; transcription factor NF-E2 45 kDa subunit; NF E2; p45 NF-E2; leucine zipper protein NF-E2; nuclear factor, erythroid-derived 2 45 kDa subunit; p45; NF-E2; |

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|                            |                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 4778                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>         | NM_001136023                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_001129495                                                                                                                                                                                                                     |
| <b>MIM</b>                 | 601490                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | Q16621                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 12q13                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;                                                                                     |
| <b>Function</b>            | WW domain binding; WW domain binding; protein N-terminus binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; |

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