

## Recombinant Mouse Nf2 protein, His-Trx-tagged

**Cat. No.** Nf2-3274M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Nf2 protein(P46662)(1-320aa), fused to N-terminal His-Trx tag, was expressed in E. coli.                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-320aa                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                               |
| <b>Molecular Mass</b>   | 55.9 kDa                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MAGAIASRMSFSSLKRKQPKTFTVRIVTMDAEMEFNCEMKWKGKDLFDLVCRTLGL</p> <p>RETWFFGLQYTIKDTVAVLKMDDKVLHDVSKKEPVTFHFLAKFYFENAEELVQEI</p> <p>TQHLFFLQVKKQILDEKVYCPPEASVLLASYAVQAKYGDYDPSVHKRGFLAQEELLP</p> <p>KRVINLYQMTPEMWEERITAWYAEHRGRARDEAEMEYLKIAQDLEMYGVNYFTIRN</p> <p>KKGTELLLGVDALGLHIYDPENRLTPKISFPWNEIRNISYSKDKEFTIKPLDKKIDVFKFN</p> <p>SSKLRVNLKILQLCIGNHDLFMRRRKADSLEVQQ</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                    |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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

**Gene Name**

Nf2 neurofibromatosis 2 [ *Mus musculus* ]

**Official Symbol**

Nf2

**Synonyms**

NF2; neurofibromatosis 2; merlin; schwannomin; neurofibromin-2; moesin-ezrin-radixin-like protein;

**Gene ID**

18016

**mRNA Refseq**

NM\_001252250

**Protein Refseq**

NP\_001239179

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