

# Recombinant Human NEFM protein, His&Myc-tagged

**Cat. No.** NEFM-3271H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NEFM protein(P07197)(487-740aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 487-740aa                                                                                                                                                                                                                                                                                               |
| <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>   | 34.8 kDa                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>EKKEAAEEKEEEPEAEVEEVAACKSPVKATAPEVKEEEGEKEEEEGQEEEEEEDEG</p> <p>AKSDQAEEGGSEKEGSSEKEEGEQEEGETEAEAEEGEEAEAKEEKKVEEKSEEVAT</p> <p>KEELVADAKVEKPEKAKSPVPKSPVEEKGKSPVPKSPVEEKGKSPVPKSPVEEKGK</p> <p>SPVPKSPVEEKGKSPVSKSPVEEKAKSPVPKSPVEEAKSKAEVKGKEQKEEEEKEV</p> <p>KEAPKEEKVEKKEEKP KDVPEKKKAESPVKE</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                                       |

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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

NEFM neurofilament, medium polypeptide [ Homo sapiens ]

#### Official Symbol

NEFM

#### Synonyms

NEFM; neurofilament, medium polypeptide; NEF3, neurofilament, medium polypeptide 150kDa; neurofilament medium polypeptide; NF M; NFM; neurofilament 3; 160 kDa neurofilament protein; neurofilament triplet M protein; neurofilament-3 (150 kD medium); neurofilament, medium polypeptide 150kDa; NEF3; NF-M;

#### Gene ID

4741

#### mRNA Refseq

NM\_001105541

#### Protein Refseq

NP\_001099011

#### MIM

162250

#### UniProt ID

P07197

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