

## 32-3342: bNEFM Recombinant Protein

**Alternative Name :** Neurofilament medium polypeptide, NF-M, Neurofilament triplet M protein, 160 kDa neurofilament protein, Neurofilament 3, NEFM, NEF3, NFM.

### Description

Source : Bovine Spinal Cord. Ultra Pure NeuroFilament Protein having a Molecular mass of 160 kDa produced from Bovine Spinal Cord. Neurofilaments are type IV intermediate filament heteropolymers that are composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber and may also have a role in intracellular transport to axons and dendrites. NeuroFilament 160kDa is a medium neurofilament protein, which is commonly used as a biomarker of neuronal damage.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.  
**Content :** The protein was lyophilized from a 1mg/ml solution containing 10mM sodium phosphate, pH-7.5, 2mM DTT, 6M urea and 1mM EDTA.  
**Storage condition :** Lyophilized NEFM although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NEFM should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

### Application Note

It is recommended to reconstitute the lyophilized NEFM in sterile 18MΩ-cm H<sub>2</sub>O.

