

Neurofilament Medium Polypeptide Bovine

Item Number	rAP-2634
Synonyms	Neurofilament medium polypeptide, NF-M, Neurofilament triplet M protein, 160 kDa neurofilament protein, Neurofilament 3, NEFM, NEF3, NFM.
Description	Ultra Pure NeuroFilament Protein having a Molecular mass of 160 kDa produced from Bovine Spinal Cord.
Uniprot Accession Number	O77788
Amino Acid Sequence	
Source	Bovine Spinal Cord.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The protein was lyophilized from a 1mg/ml solution containing 10mM sodium phosphate, pH-7.5, 2mM DTT, 6M urea and 1mM EDTA. Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized NEFM in sterile 18MΩ-cm H ₂ O.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**