

NEFM

Native Bovine NeuroFilament 160 kDa

Catalog No.	CRN106A CRN106B CRN106C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	Neurofilament medium polypeptide, NF-M, Neurofilament triplet M protein, 160 kDa neurofilament protein, Neurofilament 3, NEFM, NEF3, NFM.		
Description:	<p>Ultra Pure Native Bovine NeuroFilament Protein 160 kDa is obtained from bovine spinal cord.</p> <p>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 160 kDa is a medium neurofilament protein, which is commonly used as a biomarker of neuronal damage.</p>		
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.		
GeneID:	787355		
Source:	Bovine Spinal Cord		
Molecular Mass:	160 kDa		
Formulation:	Lyophilized from a 1 mg/ml solution containing 10 mM sodium phosphate, pH-7.5, + 2 mM DTT + 6 M urea + 1 mM EDTA.		
Purity:	> 98.0% as determined by RP-HPLC and SDS-PAGE.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute the lyophilized NEFM in sterile distilled water.		
Applications:	Protein standard in 1D and 2D SDS gel electrophoresis. Immunoassays. Immunization.		
Storage & Stability:	Lyophilized NEFM should be stored desiccated below -18°C. Upon reconstitution, NEFM may be stored at 2-4°C for 1 week. For long term use, aliquot into working stocks and freeze below -20°C. Please prevent freeze-thaw cycles.		

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