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Datasheet for ABIN624803

NEFM Protein

Overview

Quantity:	10 µg
Target:	NEFM
Origin:	Cow
Source:	Cow
Protein Type:	Native
Application:	SDS-PAGE (SDS), Immunogen (Imm), Immunoassay (IA), Two Dimensional Polyacrylamide Gel Electrophoresis (2D-PAGE)

Product Details

Characteristics:	Native Bovine Neurofilament Medium Polypeptide
Purity:	> 98.0 % as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Target Details

Target:	NEFM
Alternative Name:	Neurofilament Medium Polypeptide (NEFM Products)
Background:	Ultra Pure NeuroFilament Protein having a Molecular mass of 160 kDa produced from Bovine Spinal Cord. Introduction: Neurofilaments are type IV intermediate filament heteropolymers that are composed of light, medium, and heavy chains. Neurofilaments comprise the exoskeleton 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. Synonyms: Neurofilament medium polypeptide, NF-M, Neurofilament triplet M protein, 160 kDa neurofilament protein,

Target Details

Neurofilament 3, NEFM, NEF3, NFM.

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: Protein standard in 1D and 2D SDS gelelectrophoresis, Immunoassays, Immunization.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: The protein was lyophilized from a 1mg/ml solution containing 10mM sodium phosphate, pH-7.5, 2mM DTT, 6M urea and 1mM EDTA. It is recommended to reconstitute the lyophilized NEFM in sterile 18M -cm H₂O.

Storage: -20 °C