

[Go to Product page](#)

Datasheet for ABIN7316939 NEFH Protein (His tag)

Overview

Quantity:	100 µg
Target:	NEFH
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEFH protein is labelled with His tag.

Product Details

Purpose:	Human NFH Protein, His Tag
Sequence:	Met 1 - Lys 1026
Characteristics:	Human NFH, His Tag is expressed from Baculovirus-Insect cells. It contains AA Met 1 - Lys 1026 (Accession # P12036-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	NEFH
Alternative Name:	NFH (NEFH Products)
Background:	Synonyms:Neurofilament heavy polypeptide,Description:Neurofilaments (NF) are classed as type IV intermediate filaments found in the cytoplasm of neurons. Together with microtubules and microfilaments, they form the neuronal cytoskeleton. Neurofilaments usually contain three

Target Details

intermediate filament proteins: NFL, NFM, and NFH which are involved in the maintenance of neuronal caliber. Neurofilament light (NfL) is a scaffolding protein that is located primarily within myelinated axons and that provides increased conduction speed and structural support. In recent years, NfL has been used as a disease biomarker on the basis of the observation that axonal injury results in elevated levels of NfL in cerebrospinal fluid or blood.

Molecular Weight:	114.5 kDa
-------------------	-----------

Application Details

Comment:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 114.5 kDa. The protein migrates as 160-230 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
----------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
---------	-------------

Buffer:	PBS, pH 7.4
---------	-------------

Storage:	-20 °C
----------	--------

Storage Comment:	-20°C
------------------	-------