

Human NEFL Recombinant Protein



RPPB4083

Product Information Protein Information

Product SKU:

RPPB4083

Accession:

P07196

Host:

Escherichia Coli.

Protein description:

NEFL Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (2-543 a.a) containing 551 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 62.5kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Neurofilament light polypeptide, NF-L, NEFL, NF68, NFL, 68 kDa neurofilament protein.

Formulation:

NEFL filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in 15mM Tris and 85mM Glycine, pH 8.5.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200 µl of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS SFSYEPYYST SYKRRYVETP RVHISSVRSG YSTARSAYSS YSAPVSSSLS VRRSYSSSSG
SLMPLENLD LSQVA AISND LKSIRTQEKA QLQDLNDRFA SFIERVHELE QQNKVLEAEL LVL RQKHSEP
SRFRALYEQE IRDLRLAAED ATNEKQALQG EREGLEETLR NLQARYEEEV LSREDAEGRL MEARKGADEA
ALARAELEKR IDSLMDEISF LKKVHEEEIA ELQAIQYQAQ ISVEMDVTKP DLSAALKDIR AQYEKLAAKN
MQNAEEWFKS RFTVLTESAA KNTDAVRAAK DEVSESRLL KAKTLEIEAC RGMNEALEKQ LQELEDKQNA
DISAMQDTIN KLENELRRTK SEMARYLKEY QDLLNVKMAL DIEIAAYRKL LEGETRLSF TSVGSITSGY
SQSSQVFGRS AYGGLQTSSY LMSTRSFP SY YTSHVQEEQI EVEETIEAAK AEEAKDEPPS EGEEAEEEEK
KEEAEEEEAA EEEEEAKEES EEAKEEEEEG EGEEGEETKE AEEEEKKVEG AGEEQA AKKK D.