

Recombinant Human NEFH protein, His-SUMO & Myc-tagged

Cat. No. NEFH-3270H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEFH protein(P12036)(1-413aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-413aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.6 kDa
AA Sequence	MMSFGGADALLGAPFAPLHGGGSLHYALARKGGAGGTRSAAGSSSGFHSWTRTS VSSVSASPSRFRGAGAASSTDSDLTSLNGPEGCMVAVATSRSEKEQLQALNDRFA GYIDKVRQLEAHNRSLEGEAAALRQQQAGRSAMGELYEREVREMRGAVLRLGAAR GQLRLEQEHLLEDIAHVRQRLDDEARQREEAEAAARALARFAQEAEARVDLQKKA QALQEECGYLRRHHQEEVGELLGQIQGSGAAQAQMQAETRDALKCDVTSALREIRA QLEGHAVQSTLQSEEWFRVRLDRLSEAAKVNTDAMRSAQEEITEYRRQLQARTTEL EALKSTKDSLERQRSELEDHRHQADIASYQEAIQQLDAELRNTKWEMAAQLREYQDL LNVKMALDIEIAAYRKLLLEGEECRI

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	NEFH neurofilament, heavy polypeptide [Homo sapiens]
Official Symbol	NEFH
Synonyms	NEFH; neurofilament, heavy polypeptide; neurofilament, heavy polypeptide 200kDa; neurofilament heavy polypeptide; NF-H; 200 kDa neurofilament protein; neurofilament triplet H protein; NFH;
Gene ID	4744
mRNA Refseq	NM_021076
Protein Refseq	NP_066554
MIM	162230
UniProt ID	P12036

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