

NREP, 1-68aa, Human, His tag, E.coli

Cat.NO.: TP03195

3th Edition

Synonyms:Neuronal regeneration-related protein isoform a, C5orf13, D4S114, P311, PRO1873, PTZ17, SEZ17

Description:NREP, as known as neuronal regeneration-related protein, has roles in neural function. It promotes axonal regeneration. It may also have functions in cellular differentiation. This protein induces differentiation of fibroblast into myofibroblast and increases retinoic-acid regulation of lipid-droplet biogenesis. Recombinant human NREP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

Molecular Weight:10.3kDa (91aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMVYYPELFVWVSQEPFPNKDMEGRLPKGRLPVPKEVNRKKNDETNAASLT
PLGSSELRSPRISYLHFF

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.