

Recombinant human NREP, His-tagged

Cat. No. NREP-2444H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NREP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Molecular Mass	10.3kDa (91aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVYYPEL FVWVSQEPFP NKDMEGRLPK GRLPVPKEVN RKKNDETNAA SLTPLGSSEL RSPRISYLHFF
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name NREP?neuronal regeneration related protein [?Homo sapiens(human)]

Official Symbol NREP

Synonyms NREP; P311; PTZ17; SEZ17; D4S114; C5orf13; PRO1873; neuronal regeneration related protein; neuronal regeneration-related protein; protein p311; neuronal protein 3.1; neuronal regeneration related protein homolog

Gene ID 9315

mRNA Refseq NM_001142474

Protein Refseq NP_001135946

MIM 607332

UniProt ID Q16612

Chromosome Location 5q22.1

Function protein binding

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