OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR51264PU-S Human Neuronal protein 3.1 (1-68, His-tag) - Purified

Alternate names: C5orf13, chromosome 5 open reading frame 13, p311

Quantity: 20 µg

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

Background: 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.

Uniprot ID: Q16612

NCBI: NP_004763

GeneID: 9315

Species: Human

Source: E. coli

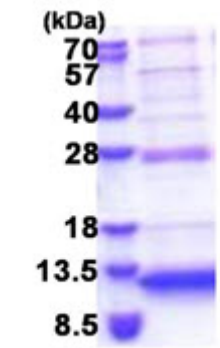
Format:
State: Liquid purified protein
Purity: >85% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Description: Recombinant human NREP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MGSMVYYPEL FVWVSQEPFP NKDMEGRLPK GRLPVPKEVN RKKNDETNAA SLTPLGSSEL RSPRISYLHF F
Molecular weight: 10.3 kDa (91aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:
Yasui DH. et al. (2013) Mol Autism. 4:3
Gerhard DS,. et al. (2004) Genome Res. 14:2121-2127.

Pictures:



15% SDS-PAGE (3ug)