

Product datasheet for **AR51264PU-N**

Neuronal protein 3.1 (1-68, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Neuronal protein 3.1 (1-68, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVYYPEL FVWVSQEPFP NKDMEGRLPK GRLPVPKEVN RKKNDETNAALSLTPLGSSSEL RSPRISYLHF F
Tag:	His-tag
Predicted MW:	10.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NREP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001135946
Locus ID:	9315
Cytogenetics:	5q22.1
Synonyms:	C5orf13; D4S114; P311; PRO1873; PTZ17; SEZ17



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Summary:

May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration (By similarity). May also have functions in cellular differentiation (By similarity). Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis (By similarity). Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 (By similarity). May play a role in the regulation of alveolar generation.[UniProtKB/Swiss-Prot Function]

Product images: