

NOL3, 1-208aa, Human, His tag, E.coli

Cat.NO.: TP03185

3th Edition

Synonyms:Nucleolar protein 3, ARC, MYP, NOP, NOP30.

Description:Nucleolar protein 3 (apoptosis repressor with CARD domain), also known as NOL3, is predominantly expressed in muscle and is present in the nucleoplasm and concentrated in nucleoli. NOL3 mRNA and protein levels are induced by neuronal activity, which is necessary to stimulate neuroplasticity, indicating a potential role for NOL3 in activity-dependent changes in dendrite function.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT, 1mM EDTA

Molecular Weight:25 kDa (231aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGNAQERPSETIDRERKRLVETLQADSGLLLDALLARGVLTGPEYEALDALP
DAERRVRRLLLLVQKGGEAACQELLRCAQRTAGAPDPAWDWQHVGPGYRDRSYDPPCPGHWTPEAPGSGTTCP
GLPRASDPDEAGGPEGSEAVQSGTPEEPEPELEAEASKEAEPEPEPEPELEPEAEAEPEPEPEPEPDPEPEPDFE
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Purity:> 95% by HPLC

Concentration:1 mg/ml

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.