

NSL1, 1-281aa, Human, His tag, E.coli

Cat.NO.: TP03204

3th Edition

Synonyms:Kinetochore-associated protein NSL1 homolog, NSL1, MIND kinetochore complex component, homolog (*S. cerevisiae*), C1orf48, DC8, MIS14

Description:NSL1 is a protein with two coiled-coil domains that localizes to kinetochores, which are chromosome-associated structures that attach to microtubules and mediate chromosome movements during cell division. The protein is part of a conserved protein complex that includes two chromodomain-containing proteins and a component of the outer plate of the kinetochore. This protein complex is proposed to bridge centromeric heterochromatin with the outer kinetochore structure. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human NSL1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol 0.4M Urea

Molecular Weight:34.6kDa (304aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAGSPELVVLDPPWDKELAAGTESQALVSATPREDFRVRCCTSKRAVTEML
QLCGRFVQKLGDALPEEIREPALRDAQWTFESAVQENISINGQAWQEASDNCFMDSDIKVLEDQFDEIIVDIATKRK
QYPRKILECVIKTIKAKQEILKQYHPVVHPLDLKYDPDPAPHMENLKCRGETVAKEISEAMKSLPALIEQGEGFSQVL
RMQPVIHLQRIHQEVFSSCHRKPDAPENFITQIETTPETASRKTSDMVLKRKQTKDCPQRKWYPLRPKKINLDT

Purity:> 95% by HPLC

Concentration:1 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.