

## 32-4346: Recombinant Human NSL1

**Alternative Name :** NSL1 MIS12 Kinetochore Complex Component, NSL1 MIND Kinetochore Complex Component Homolog (S. Cerevisiae), Kinetochore-Associated Protein NSL1 Homolog, Chromosome 1 Open Reading Frame 48, C1orf48, MIS14.

### Description

Source : Escherichia Coli. NSL1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 304 amino acids (1-281) and having a molecular mass of 34.6kDa. NSL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NSL1 holds two coiled-coil domains. NSL1 proteins, localized to kinetochores - chromosome associated structures which attach to microtubules and mediate chromosome movements throughout cell division. NSL1 is a fragment of a conserved protein complex that hold two chromodomain-containing proteins and a component of the outer plate of the kinetochore. NSL1 connect centromeric heterochromatin with the outer kinetochore structure. Several transcript variants are known to encode different isoforms for this gene.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The NSL1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMAGSPEL VVLDPPWDKE LAAGTESQAL VSATPREDFR  
VRCTSKRAVT EMLQLCGRFV QKLGDALPEE IREPALRDAQ WTFESAVQEN ISINGQAWQE  
ASDNCFMDSK IKVLEDQFDE IVDIATKRK QYPRKILECV IKTIKAKQEI LKQYHPVVHP LDLKYDPDPA  
PHMENLKCRG ETVAKEISEA MKSLPALIEQ GEGFSQVLRM QPVIHLQRIH QEVFSSCHRK PDAKPENFIT  
QIETTPETETA SRKTSMDMLK RKQTKDCPQR KWYPLRPKKI NLDT