

## 32-5148: Recombinant Human Translin

**Alternative Name :** Translin, TRSLN, BCLF-1, REHF-1, RCHF1, TBRBP, Recombination Hotspot-binding Protein, Recombination Hotspot Associated factor.

### Description

Source : Escherichia Coli. TSN produced in E.Coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (1-228a.a.) and having a molecular mass of 26.1kDa. TSN is purified by proprietary chromatographic techniques. Translin is a DNA and RNA binding protein that identifies specifically preserved target sequences at the breakpoint junction of chromosomal translocations. TSN forms a ring-shaped configuration, that is in charge of DNA binding, and in addition has a leucine zipper motif, which is believed to assist TSN to form dimers. TSN exports specific mRNAs out of the nucleus, reinforced by its localization in both the nuclei and cytoplasm of neurons, and regulates their translation.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The TSN protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl, 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 it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

**Amino Acid :** MSVSEIFVEL QGFLAAEQDI REEIRKVVQS LEQTAREILT LLQGVHQGAG FQDIPKRCLK  
AREHFGTVKT HLTSLKTKFP AEQYYRFHEH WRFVLQRLVF LAAFVVYLET ETLVTREAVT  
EILGIEPDRE KGFHLDVEDY LSGVLILASE LSRLSVNSVT AGDYSRPLHI STFINELDSG  
FRLLNLKNDL LRKRYDGLKY DVKKVEEVVY DLSIRGFNKE TAAACVEK.

