9051 Mira Mesa Blvd, #910094
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TSN Human

Translin Human Recombinant
RCP2460

Product Overview

Name	TSN Human
Description	
Translin Human Recombinant	
Accession (Primary)	Q15631
Synonyms	
Translin, TRSLN, BCLF-1, REHF-1, RCHF1, TBRBP, Recombination Hotspot-binding Protein, Recombination Hotspot Associated factor.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The TSN protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl, and 10% glycerol.	
Stability	
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). Please avoid freeze thaw cycles	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MSVSEIFVEL QGFLAAEQDI REEIRKVVQS LEQTAREILT LLQGVHQGAG FQDIPKRCLK AREHFGTVKT HLTSLKTKFP AEQYYRFHEH WRFVLQRLVF LAAFVVYLET ETLVTREAVT EILGIEPDRE KGFHLDVEDY	

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LSGVLILASE LSRLSVNSVT AGDYSRPLHI STFINELDSG FRLLNLKNDS LRKRYDGLKY DVKKVEEVVY DLSIRGFNKE TAAACVEK.

Precautions

TSN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15631)