



TSN blocking peptide (CDBP6385)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. Recombination-associated motifs and translin-binding sites are present at recombination hotspots and may serve as indicators of breakpoints in genes which are fused by translocations. These binding activities may play a crucial role in chromosomal translocation in lymphoid neoplasms. This protein encoded by this gene, when complexed with translin-associated protein X, also forms a Mg ion-dependent endoribonuclease that promotes RNA-induced silencing complex (RISC) activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TSN translin [Homo sapiens (human)]
Official Symbol	TSN

Synonyms	TSN; translin; C3PO; RCHF1; TBRBP; TRSLN; BCLF-1; REHF-1; component 3 of promoter of RISC; testis brain-RNA binding protein; recombination hotspot-binding protein; recombination hotspot associated factor
Entrez Gene ID	7247
mRNA Refseq	NM_001261401
Protein Refseq	NP_001248330
UniProt ID	Q15631
Function	DNA binding; endonuclease activity; mRNA binding; protein binding; protein complex binding; sequence-specific DNA binding