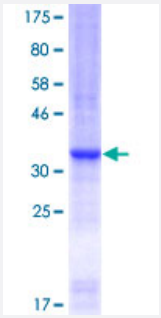
# TSN (Human) Recombinant Protein (Q01)

Catalog # H00007247-Q01 Size 25 ug, 10 ug

## Applications




## Specification

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|---|---|
| **Product Description** | Human TSN partial ORF ( NP_004613, 115 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | TREAVTEILGIEPDREKGFHLDVEDYLSGVLILASELSRLSVNSVTAGDYSRPLHISTFINELDSGFRLLNLKNDSLRKRYDG |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 34.87 |
| **Interspecies Antigen Sequence** | Mouse (100); Rat (100) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TSN

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|---|---|
| **Entrez GeneID** | 7247 |
| **GeneBank Accession#** | NM_004622 |
| **Protein Accession#** | NP_004613 |
| **Gene Name** | TSN |
| **Gene Alias** | BCLF-1, REHF-1, TRSLN |
| **Gene Description** | translin |
| **Omim ID** | 600575 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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. [provided by RefSeq |
| **Other Designations** | recombination hotspot associated factor\|recombination hotspot-binding protein |