

Recombinant Human TSNAX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TSNAX-3572H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | TSNAX MS Standard C13 and N15-labeled recombinant protein (NP_005990) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | This gene encodes a protein which specifically interacts with translin, a DNA-binding protein that binds consensus sequences at breakpoint junctions of chromosomal translocations. The encoded protein contains bipartite nuclear targeting sequences that may provide nuclear transport for translin, which lacks any nuclear targeting motifs. |
| Molecular Mass | 33.1 kDa |
| AA Sequence | MSNKEGSGGFRKRKHDNFPHNQRREGKDVNSSSPVMLAFKSFQQELDARHDKYE RLVKLSRDITVESKRTIFLLHRITSAPDMEDILTESEIKLDGVRQKIFQVAQELSGEDM HQFHRAITGLQEYVEAVSFQHFQIKTRSLISMDEINKQLIFTTEDNGKENKTPSSDAQ DKQFGTWRLRVTPVDYLLGVADLTGELMRMCINSVGNGLDIDTPFEVSQFLRQVYDG FSFIGNTGPYEVSKKLYTLKQSLAKVENACYALKVRGSEIPKHMLADVFSVKTEMIDQ EEGISTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |

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| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| Storage | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| Concentration | 50 µg/mL as determined by BCA |
| Storage Buffer | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | TSNAX translin-associated factor X [Homo sapiens (human)] |
| Official Symbol | TSNAX |
| Synonyms | TSNAX; translin-associated factor X; translin-associated protein X; TRAX; translin-like protein; |
| Gene ID | 7257 |
| mRNA Refseq | NM_005999 |
| Protein Refseq | NP_005990 |
| MIM | 602964 |
| UniProt ID | Q99598 |

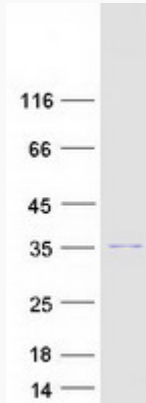
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SDS-PAGE



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