

Product datasheet for **RC204023**

TRAX (TSNAX) (NM_005999) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAX (TSNAX) (NM_005999) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRAX
Synonyms:	C3PO; TRAX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204023 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCAACAAAGAAGGATCAGGAGGGTTCAGGAAAAGGAAGCATGACAATTTCCACATAACCAAAGAA
GAGAAGGGAAGGATGTTAATTCATCTTCACCCGTGATGTTGGCCTTTAAATCATTTCAGCAGGAACCTTGA
TGCAAGGCATGACAAATATGAGAGACTTGTGAACTTAGTCGGGATATAACTGTTGAAAGTAAAAGGACA
ATTTTTCTCCTCCATAGGATTACAAGTGCTCCTGATATGGAAGATATATTGACTGAATCAGAAATTAAT
TGGATGGTGTGAGACAAAAGATATTCAGGTAGCCAAGAGCTATCAGGGGAAGATATGCATCAGTTCCA
TCGAGCCATTACTACAGGACTACAGGAATATGTGGAAGCTGTCTCTTTTCAACACTTCATCAAAACACGA
TCATTAATTAGTATGGATGAAATTAATAAACAATTGATATTTACGACTGAAGACAATGGGAAAGAAAATA
AACTCCCTCCTCTGATGCACAGGATAAGCAGTTTGGTACTTGGAGACTGAGAGTCACACCTGTCGATTA
CCTTCTGGGAGTGGCTGACTTAAGTGGAGAATTGATGCGGATGTGTATTAACAGTGTGGGAAATGGGGAC
ATTGATACCCCTTTGAAGTGAGCCAGTTTTTACGTCAGGTTTATGATGGGTTTTTCATTTCATTGGCAACA
CTGGACCTTACGAGGTTTCTAAGAAGCTGTATACCTTGAACAAGTTTGGCCAAAGTGGAGAATGCTTG
TTATGCCTTGAAGTCAGAGGGTCAGAAATTCAAAACATATGTTGGCAGATGTGTTTTTCAGTAAAAACA
GAAATGATAGATCAAGAAGAGGGCATTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_005999.3](#)

RefSeq Size: 2667 bp

RefSeq ORF: 873 bp

Locus ID: 7257

UniProt ID: [Q99598](#)

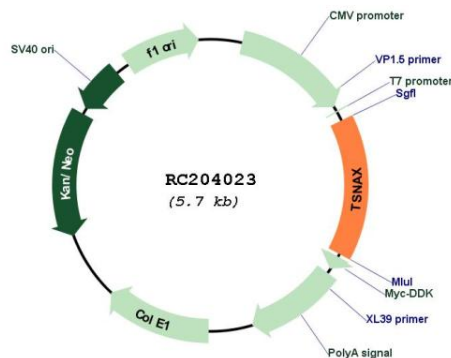
Cytogenetics: 1q42.2

Domains: Translin

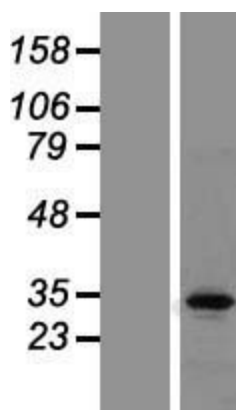
MW: 33.1 kDa

Gene Summary: 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. [provided by RefSeq, Jul 2008]

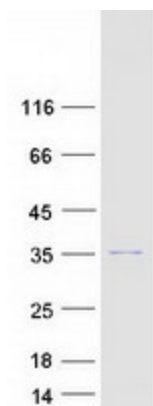
Product images:



Circular map for RC204023



Western blot validation of overexpression lysate (Cat# [LY416944]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204023 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TSNAX protein (Cat# [TP304023]). The protein was produced from HEK293T cells transfected with TSNAX cDNA clone (Cat# RC204023) using MegaTran 2.0 (Cat# [TT210002]).