9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TARBP2 Human

TAR RNA Binding Protein 2 Human Recombinant
RCP2322

Product Overview

Name	TARBP2 Human
Description	
TAR RNA Binding Protein 2 Human Recombinant	
Accession (Primary)	Q15633
Synonyms	
LOQS, TRBP, TRBP1, TRBP2, RISC-loading complex subunit TARBP2, TAR RNA-binding protein 2, Trans-activation-responsive RNA-binding protein, TARBP2.	
Introduction	
TAR RNA Binding Protein 2 (TARBP2) is a component of the RISC loading complex which takes part in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1. TARBP2, which is also known as the micro-RNA (miRNA) loading complex (miRLC), contains three DRBM (double-stranded RNA-binding) domains. TARBP2 binds to the HIV-1 TAR RNA and stimulates translation of TAR-containing RNAs.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TARBP2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MLAANPGKTP ISLLQEYGTR IGKTPVYDLL KAEGQAHQPN FTFRVTVGDT SCTGQGPSKK AAKHKAAEVA LKHLKGGSML EPALEDSSSF SPLDSSLPED IPVFTAAAAA TPVPSVVLTR SPPMELQPPV SPQQSECNPV GALQELVVQK GWRLPEYTVT QESGPAHRKE FTMTCRVERF IEIGSGTSKK LAKRNAAAKM LLRVHTVPLD ARDGNEVEPD DDHFSIGVGS RLDGLRNRGP GCTWDSLRNS VGEKILSLRS CSLGSLGALG PACCRVLSEL	

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SEEQAFHVSY LDIEELSLSG LCQCLVELST QPATVCHGSA TTREAARGEA ARRALQYLKI MAGSK.

Precautions

TARBP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15633)