

TARBP2, 1-345aa, Human, E.coli

Cat.NO.: TP04144

3th Edition

Synonyms:TAR RNA binding protein 2 isoform b, , LOQS, TRBP, TRBP1, TRBP2

Description:TARBP2 is a component of the RISC loading complex (RLC), also known as the micro-RNA (miRNA) loading complex (miRLC), which is composed of DICER1, EIF2C2/AGO2 and TARBP2. This protein contains 3 DRBM (double-stranded RNA-binding) domains. It may also play a role in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1. TARBP2 binds to the HIV-1 TAR RNA which is located in the long terminal repeat (LTR) of HIV-1, and stimulates translation of TAR-containing RNAs. Recombinant human TARBP2 protein was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:36.9 kDa (345aa)

Sequences:

MLAANPGKTPISLLQEYGTRIGKTPVYDLLKAEGQAHQPNFTFRVTVGDTSC TGQGSPSKKAAKHKAAEVALKHLKG
GSMLEPALEDSSSF SPLDSSLPEDIPVFTAAAAATPVPSVVLTRSPPELQPPVSPQQSECNPV GALQELVVQKGW
RLPEYTVTQESGPAHRKEFTMTCRVERFIEIGSGTSK KLAKRNAAKMLLRVHTVPLDARDGNEVEPDDDDHFSIGV
GSRLDGLRNRGPGCTWDSL RNSVGEKILSLRSCSLGSLGALGPACCRVLS EELSEEQAFHVS YLDIEELSLSGLCQC
LVELSTQPATVCHGSATTREAR GEARRALQYLKIMAGSK

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.