



Recombinant Bovine RISC-loading complex subunit TARBP2 (TARBP2)

Product Code	CSB-MP610253BO
Abbreviation	TARBP2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q0IIG6
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	MSEEEQGSST TTGCGLPSIE QMLAANPGKT PISLLQEYGT RIGKTPVYDL LKAEGQAHQP NFTFRVTVDG TSCTGQGPSK KAAKHKAAEV ALKHLKGGSM LEPALEDSSS FSPLDSSLPE DVPVFTAAAA ATPVPSAVPT RSSPMEVQPP VSPQQSECNP VGALQELVVQ KGWRLPEYTV TQESGPAHRK EFTMTCRVER FIEIGSGTSK KLAKRNAAAK MLLRVHTVPL DARDGNEAEP EDDHFSIGVG SRLDGLRNRG PGCTWDSLRLN SVGEKILSLR SCSLGLSLGAL GPACCSVLSE LSEEQAFHVS YLDIEELSLS GLCQCLVELS TQPATVCHGS AATREARGE AARRALQYLK IMAGSK
Source	Mammalian cell
Target Names	TARBP2
Protein Names	Recommended name: RISC-loading complex subunit TARBP2
Expression Region	1-366
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. This protein binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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