



Recombinant Human RISC-loading complex subunit TARBP2 (TARBP2)

Product Code	CSB-EP623007HU-B
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.	Q15633
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSEEEQGSST TTGCGLPSIE QMLAANPGKT PISLLQEYGT RIGKTPVYDL LKAEGQAHQP NFTFRVTVDG TSCTGQGSPK KAAKHKAAEV ALKHLKGGSM LEPALEDSSS FSPLDSSLPE DIPVFATAAA ATPVPSVVLV RSPPMELQPP VSPQQSECNP VGALQELVVQ KGWRLPEYTV TQESGPAHRK EFTMTCRVER FIEIGSGTSK KLAKRNAAAK MLLRVHTVPL DARDGNEVEP DDDHFSIGVG SRLDGLRNRG PGCTWDSLRLN SVGEKILSLR SCSLGLSGAL GPACCRVLSE LSEEQAFHVS YLDIEELSLS GLCQCLVELS TQPATVCHGS ATTREARGE AARRALQYLK IMAGSK
Source	E.coli
Target Names	TARBP2
Protein Names	Recommended name: RISC-loading complex subunit TARBP2 Alternative name(s): TAR RNA-binding protein 2 Trans-activation-responsive RNA-binding protein
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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