

Recombinant Full Length Human TARBP2 Protein, GST-tagged

Cat. No. TARBP2-563HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TARBP2(1 a.a. - 366 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	366 amino acids
Description	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. The protein encoded by this gene 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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
AA Sequence	MSEEEQSGST TTGCGLPSIE QMLAANPGKT PISLLQEYGT RIGKTPVYDL LKAEGQAHQP NTFTRVTVDG TSCTGQGPSK KAAKHKAAEV ALKHLKGGSM LEPALEDSSS FSPLDSSLPE DIPVFATAAA ATPVPSVLT RSPPMELQPP VSPQQSECNP VGALQELVVQ KGWRLPEYTV TQESGPAHRK EFTMTCRVER FIEIGSGTSK KLAKRNAAAK MLLRVHTVPL DARDGNEVEP DDDHFSIGVG

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SRLDGLRNRG PGCTWDSLRLN SVGEKILSLR SCSLGSLGAL GPACCRVLSE
LSEEQAFHVS YLDIEELSLS GLCQCLVELS TQPATVCHGS ATTREAARGE
AARRALQYLK IMAGSK

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

TARBP2 TAR (HIV-1) RNA binding protein 2 [Homo sapiens]

Official Symbol

TARBP2

Synonyms

LOQS; TRBP; TRBP1; TRBP2; RISC-loading complex subunit TARBP2; TAR (HIV)
RNA binding protein 2; TAR (HIV) RNA-binding protein 2; TAR (HIV) RNA-binding
protein TRBP1; TAR RNA binding protein 2; TAR RNA-binding protein 2; TARBP2;
trans-activation responsive RNA-binding protein; trans-activation-responsive RNA-
binding protein

Gene ID

6895

mRNA Refseq

NM_134323

Protein Refseq

NP_599150

MIM

605053

UniProt ID

Q15633

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