

Datasheet for ABIN7555734
TARBP1 Protein (AA 1-1621) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TARBP1
Protein Characteristics:	AA 1-1621
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TARBP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TARBP1 Protein expressed in mammalian cells.
Sequence:	MEWVLAEALL SQSRDPRALL GALCQGEASA ERVETLRFLL QRLEDEEARG SGGAGALPEA AREVAAGYLV PLLRSLRGRP AGGPDPSLQP RHRRRVLRRAA GAALRSCVRL AGRPQLAAAL AEEALRDLLA GWRAPGAEAA VEVLAAVGPC LRPREDGPLL ERVAGTAVAL ALGGGGDGDE AGPAEDAAAL VAGRLLPVLV QCGGAALRAV WGGLAAPGAS LGSGRVEEKL LVLSALAEKL LPEPGGDRAR GAREAGPDAR RCWRFWRTVQ AGLGQADALT RKRARYLLQR AVEVSAELGA DCTCGPQEGN GPSLFWWSER KKDELLKFEW NYILIMETLE GNQIHVIKPV LPKLNNLFY AVSEENG CWL FHPSWHMCIY KRMFESENKI LSKEGVIHFL ELYETKILPF SPEFSEFIIG PLMDALSESS LYSRSPGQPI GSCSPLGLKL QKFLVTYISL LPEEIKSSFL LKFIRKMTSR HWCAVPILFL SKALANVPRH KALGIDGLLA LRDVIHCTMI THQILLRGAA QCYLLQTAMN LLDVEKVSL S DVSTFLMSLR QEESLGRGTS LWTELCDWLR VNESYFKPSP TCSSIGLHKT SLNAYVKSIV QEYVKSSAWE TGENCFMPDW FEAKLVSLMV LLAVDVEGMK TQYSGKQRTE NVLRIFLDPL LDVLMKFSTN AYMPLLKTDR CLQLLLKLLN TCRLKGSSAQ DDEVSTVLQN

FFMSTTESIS EFILRRLTMN ELNSVSDLDR CHLYLMVLTE LINLHLKVGW KRGNPIWRVI
SLLKNASIQH LQEMDSGQEP TVGSQIQRVV SMAALAMVCE AIDQKPELQL DSLHAGPLES
FLSSLQLNQT LQKPHAEEQS SYAHPLECSS VLEESSSSQG WGKIVAQYIH DQWVCLSFLL
KKYHTLIPTT GSEILEPFLP AVQMPIRTLQ SALEALTVLS SDQVLPVFHC LKVLVPKLLT
SSESLCIESF DMAWKISSL SNTQLIFWAN LKAFVQFVFD NKVLTIAAKI KGQAYFKIKE
IMYKIIEMSA IKTGVFNTLI SYCCQSWIVS ASNVSQGSLS SAKNYSELIL EACIFGTVFR
RDQRLVQDVQ TFENLGHDC AANIVMENTK REDHYVRICA VKFLCLLDGS NMSHKLFIED
LAIKLLDKDE LVSKSKKRYV VNSLQHRVKN RVWQTLVLF PRLDQNFLNG IIDRIFQAGF
TNNQASIKYF IEWIIILIH KFPQFLPKFW DCFSYGEENL KTSICTFLAV LSHLDIITQN IPEKKLILKQ
ALIVVLQWCF NHNFSVRLYA LVALKKLWTV CKVLSVEEFD ALTPVIESSL HQVESMHGAG
NAKKNWQRIQ EHFFFATFHP LKDYCLETIF YILPRLSGLI EDEWITIDKF TRFTDVPLAA
GFQWYLSQTQ LSKLKPGDWS QQDIGTNLVE ADNQA EWTDV QKKIIPWNSR VSDLDLELLF
QDRAARLGKS ISRLIVVASL IDKPTNLGGL CRTCEVFGAS VLVVGSGLQCI SDKQFQHLSV
SAEQWLPLVE VKPPQLIDYL QQKKTEGYTI IGVEQTAKSL DLTQYCFPEK SLLLLGNERE
GIPANLIQQL DVCVEIPQQG IIRSLNVHVS GALLIWEYTR QQLLSHGDTK P **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Product Details

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TARBP1
Alternative Name:	TARBP1 (TARBP1 Products)
Background:	<p>Probable methyltransferase TARBP1 (EC 2.1.1.-) (TAR RNA-binding protein 1) (TAR RNA-binding protein of 185 kDa) (TRP-185),FUNCTION: Probable S-adenosyl-L-methionine-dependent methyltransferase which methylates RNA molecules such as tRNAs. {ECO:0000305 PubMed:18412263}., FUNCTION: (Microbial infection) In case of infection by HIV-1, it binds to the loop region of TAR RNA, a region also bound by RNA polymerase II (PubMed:7638159, PubMed:8626763, PubMed:8846792). Binding of TARBP1 and RNA polymerase II to HIV-1 TAR RNA is mutually exclusive, suggesting that TARBP1 may function alone or in conjunction with HIV-1 Tat to disengage RNA polymerase II from HIV-1 TAR RNA (PubMed:7638159, PubMed:8626763, PubMed:8846792). {ECO:0000269 PubMed:7638159, ECO:0000269 PubMed:8626763, ECO:0000269 PubMed:8846792}.</p>
Molecular Weight:	181.7 kDa
UniProt:	Q13395

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months