



Datasheet for ABIN3096272

UHRF1BP1 Protein (AA 1-1440) (His tag)



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1 Image

Overview

Quantity:	1 mg
Target:	UHRF1BP1
Protein Characteristics:	AA 1-1440
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UHRF1BP1 protein is labelled with His tag.
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence: MAGIIKKQIL KHLSRFTKNL SPDKINLSTL KGEGQLTNLE LDEEVLQNVL ELPTWLAI TR
 VYCNRASIRI QWTKLKTHPI CLCLDKVEVE MKTCEDPRPP NGQSPIALAS GQSEYGFAEK
 VVEGMFIIVN SITIKIHSKA FHASFELWQL QGYSVNPNWQ QSDLRLTRIT DPCRGEVLTF
 KEITWQTLRI EADATDNGDQ DPVTTPLRLI TNQGRIQIAL KRRTKDCNVI SSKLMFLLDD
 LLWVLTDSQL KAMMKYAESL SEAMEKSAHQ RKSLAPEPVQ ITPPAPSAQQ SWAQAFGGSQ
 GNSNSSSSRL SQYFEKFDVK ESSYHLLISR LDLHICDDSQ SREPGVSANR LMGGAMQLTF
 RKMAFDYYPF HWAGDSCKHV VRHCEAMETR GQWAQKLVME FQSKMEKWHE ETGLKPPWHL
 GVDSLFRKA DSLSSPRKNP LERSPSQGRQ PAFQPPAWNR LRSSCMVVRV DDLDIHQVST
 AGQPSKKPST LLSCSRKLN LPTQVSAIHI EFTEYYFPDN QELPVPCPNL YIQLNGLTFT
 MDPVSLWGN LFCLDLYRSL EQFKAIYKLE DSSQKDEHLD IRLDAFWLKV SFPLEKRERA
 ELHRPQALVF SASGMIA TNT RHAPHCSCSD LQSLFRGFAA AEFHHSNYDH FPKVPGGFSL
 LHMLFLHHAF QMDSCLPQPN TLPPQRPKAS WDLWSVHFTQ ISLDFEGTEN FKGHTLNFVA

PFPLSIWACL PLRWQQAQAR KLLLASEGRL KPSASFGSPV QSEALAPDSM SHPRSKTEHD
LKSLSGLTEV MEILKEGSSG MDNKGPLTEL EDVADVHMLV HSPAHRVRL DHYQYLALLR
LKEVLQRLQE QLTKDTESMT GSPLQNQTAC IGVLFPSAEV ALLMHPAPGA VDADSAGSDS
TSLVDSLESP SEDRELKSDA SSDQGPASPE KVLLEESSIEN QDVSQERPHS NGELQDSGPL
AQQLAGKGHE AVESLQAKKL SRTQASSSPA ALKPPAGRET AVNGQGELIP LKNIEGELSS
AIHMTKDATK EALHATMDLT KEAVSLTKDA FSLGRDRMTS TMHKMLSLPP AKEPMAKTDE
GVAAPVSGGA ARLRFFSMKR TVSQSFDGV SLDSSGPEDR ISVDSDGSDS FVMILLESESG
PESVPPGSLN NVSDNAGVQG SPLVNNYGQG SPAANSSVSP SGEDLIFHPV SVLVLVKNEV
SFGIEVRGED LTVALQAEEL TLQQLGTVGL WQFLHGQCPG TCFQESSTLK TGHIRPAVGL
RFEVGPAAV HSPLASQNGF LHLLHGCGL ELLTSVLSGL GPFLEDEEIP VVPMQIELL
NSSITLKDDI PPIYPTSPGP IPITLAMEHV VLKRSDDGVF HIGAAAQDKP SAEVLKSEKR
QPPKEQVFLV PTGEVFEQV KELPILQKEL IETKQALANA NQDKEKLLQE IRKYNPFEL

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Human UHRF1BP1 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receipt of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Product Details

Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells: <ol style="list-style-type: none">1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

Target Details

Target:	UHRF1BP1
Alternative Name:	UHRF1BP1 (UHRF1BP1 Products)
Background:	May act as a negative regulator of cell growth. {ECO:0000269 PubMed:15361834}.
Molecular Weight:	160.4 kDa Including tag.
UniProt:	Q6BDS2

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Buffer:	100 mM NaCl, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

Images



Image 1. „Crystallography Grade“ protein due to multi-step, protein-specific purification process