

Datasheet for ABIN7563928
HIRA Protein (AA 1-1015) (His tag)



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Overview

Quantity:	1 mg
Target:	HIRA
Protein Characteristics:	AA 1-1015
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIRA protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Hira Protein expressed in mammalien cells.
Sequence:	<p>MKLLKPTWVN HNGKPIFSVD IHPDGTKFAT GGQGQDSGKV VIWNMSPVLQ EDDEKDENIP KMLCQMDNHL ACVNCVRWSN SGMYLASGGD DKLIMVWKRA TYIGPSTVFG SSGKLANVEQ WRCVSILRSH SGDVMDDVAWS PHDAWLASCS VDNTVVIWNA VKFPEILATL RGHSGLVKGL TWDPVGKYIA SQADDRSLKV WRTLWQLET SITKPFDECG GTTHVLRSLW SPDGHYLVSA HAMNNSGPTA QIIEREGWKT NMDFVGHRKA VTVVKFNPKI FKFKKQKNGSS TKPSCP YCCC AVGSKDRSLS VWLTCLKRPL VVIHELFDKS IMDISWTLNG LGILVCSMDG SVAFLDFSQD ELGDPLSEEE KSRIHQSTYG KSLAIMTEAQ LSTAVIENPE MLKYQRRRQQ QQLDQKNATT RETSSASSVT GVVNGESLED IRKNLLKKQV ETRTADGRRR ITPLCIAQLD TGDFSTAFFN SIPLSSSLAG TMLSSPSGQQ LLPLDSSTPS FGASKPCTEP VAATSARPTG ESVSKDSMNA TSTPAASSPS VLTTPSKIEP MKAFDSRFTE RSKATPGAPS LTSVIPTAVE RLKEQNLVKE LRSRELESSS DSDEKVHLAK PSSLSKRKLE LEVETVEKKK KGRPRKDSRL LPMSLSVQSP</p>

Product Details

AALSTEKEAM CLSAPALALK LPIPGPQRAF TLQVSSDPSM YIEVENEVTT VGGIRLSRLK
CNREGKEWET VLSSRVLTA GSCDVVCVAC EKRMLSVFST CGRRLLPPIL LPSPISTLHC
TGPYVMALTA AATLSVWDVH RQVVVVKEES LHSILSGSDM TVSQILLTQH GIPVMNLSDG
KAYCFNPSLS TWNLVSDKQD SLAQCADFRN SLPSQDAMLC SGPLAIQGR TSNSGRQAAR
LFSVPHVVQQ ETTLAYLENQ VAAALTLQSS HEYRHWLLLY ARYLVNEGFE YRLREICKDL
LGPVHCSTGS QWESTVVGLR KRELLKELLP VIGQNLRFQR LFTECQEQLD ILRDK **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.**

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

HIRA

Alternative Name:

Hira ([HIRA Products](#))

Background:

Protein HIRA (TUP1-like enhancer of split protein 1),FUNCTION: Required for the periodic repression of histone gene transcription during the cell cycle (By similarity). Cooperates with ASF1A to promote replication-independent chromatin assembly. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell

Target Details

cycle exit. {ECO:0000250, ECO:0000269|PubMed:16399082}.

Molecular Weight: 111.8 kDa

UniProt: [Q61666](#)

Pathways: [Chromatin Binding](#)

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.

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