

Datasheet for ABIN7555992

UVSSA/KIAA1530 Protein (AA 1-709) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	UVSSA/KIAA1530 (UVSSA)
Protein Characteristics:	AA 1-709
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UVSSA/KIAA1530 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat UVSSA Protein expressed in mammalian cells.
Sequence:	MDQKLSKLV E LTTSGEPRL NPEKMKELKK ICKSSEEQLS RAYRLLIAQL TQEHAEIRLS AFQIVEELFV RSHQFRMLVV SNFQEFLELT LGTDPAPQLP PPREEAQLR QATTRAVEGW NEKFGEAYKK LALGYHFLRH NKKVDFQDTN ARSLAERKRE EEKQKHLDKI YQERASQAER EMQEMSGEIE SCLTEVESCF RLLVPDFDNP NPETESLGMA SGMSDALRSS CAGQVGPCRS GTPDPRDGEQ PCCSRDLPAS AGHPRAGGGA QPSQTATGDP SDEDESDLE EFVRSHGLGS HKYTLDELVC SEGLKVQENE DNLALIHAAR DTLKLIRNKF LPAVCSWIQR FTRVGTGHHGC LKRAIDLKAE LELVLRKYKE LDIEPEGGER RRTEALGDAE EDEDEDVFE VPEKEGYEPH IPDHLRPEYG LEAAPEKDTV VRCLRTRTRM DEEVSDPTSA AAQLRQLRDH LPPPSSASPS RALPEPQEAQ KLAAERARAP VVPYGVDLHY WGQELPTAGK IVKSDSQHRF WKPSEVEEEEV VNADISEMLR SRHITFAGKF EPVQHWCRAP RPDGRLCERQ DRLKCPFHGK IVPRDDEGRP LDPEDRAREQ RRQLQKQERP EWQDPELMRD VEAATGQDLG SSRYSGKGRG KRRYPSLTN

Product Details

LKAQADTARA RIGRKVFAKA AVRRVVAAMN RMDQKKHEKF SNQFNIALN **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:

UVSSA/KIAA1530 (UVSSA)

Alternative Name:

UVSSA ([UVSSA Products](#))

Background:

UV-stimulated scaffold protein A,FUNCTION: Factor involved in transcription-coupled nucleotide excision repair (TC-NER), a mechanism that rapidly removes RNA polymerase II-blocking lesions from the transcribed strand of active genes (PubMed:22466610, PubMed:22466611, PubMed:22466612). Facilitates the ubiquitination of the elongating form of RNA polymerase II (RNA pol II) at DNA damage sites, thereby promoting RNA pol II backtracking and access by the TC-NER machinery to lesion sites (PubMed:22466611, PubMed:32142649). Acts by promoting stabilization of ERCC6 by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome (PubMed:22466611, PubMed:22466612). Also facilitates transfer of TFIIH to RNA

Target Details

polymerase II (PubMed:32142649). Not involved in processing oxidative damage (PubMed:22466612). {ECO:0000269|PubMed:22466610, ECO:0000269|PubMed:22466611, ECO:0000269|PubMed:22466612, ECO:0000269|PubMed:32142649}.

Molecular Weight: 80.6 kDa

UniProt: [Q2YD98](#)

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