

Datasheet for ABIN7553792
ELL2 Protein (AA 1-640) (His tag)



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Overview

Quantity:	1 mg
Target:	ELL2
Protein Characteristics:	AA 1-640
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELL2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ELL2 Protein expressed in mammalian cells.
Sequence:	MAAGGTGGLR EEQRYGLSCG RLGQDNITVL HVKLTETAIR ALETYQSHKN LIPFRPSIQF QGLHGLVKIP KNDPLNEVHN FNFYLSNVGK DNPQGSFDCI QQTFSSSGAS QLNCLGFIQD KITVCATNDS YQMTREMTQ AEEESRNRST KVIKPGGPYV GKRVIQIRKAP QAVSDTVPER KRSTPMNPAN TIRKTHSSST ISQRPYRDRV IHELLALKAYK KPELLARLQK DGVNQKDKNS LGAILQQVAN LNSKDLSTL KDYVFKELQR DWPGYSEIDR RSLESVLSRK LNPSQNAAGT SRSESPVCSS RDAVSSPQKR LLDSEFIDPL MNKKARISHL TNRPPTLNG HLNPTSEKSA AGLPLPPAAA AIPTPPPLPS TYLPISHPPQ IVNSNSNSPS TPEGRGTQDL PVDSFSQNDS IYEDQQDKYT SRTSLETLPV GSVLLKCPKP MEENHSMESH KSKKKSKKKH EKDQIKKHDI ETIEEKEEDL KREEEIAKLN NSSPNSSGGV KEDCTASMEP SAIELPDYLI KYIAIVSYEQ RQNYKDDFNA EYDEYRALHA RMETVARRFI KLDAQRKRLS PGSKEYQNVH EEVLQEYQKI KQSSPNYHEE KYRCEYLHNK LAHIKRLIGE FDQQAESWS 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:

ELL2

Alternative Name:

ELL2 ([ELL2 Products](#))

Background:

RNA polymerase II elongation factor ELL2,FUNCTION: Elongation factor component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:22195968). Plays a role in immunoglobulin secretion in plasma cells: directs efficient alternative mRNA processing, influencing both proximal poly(A) site choice and exon skipping, as well as immunoglobulin heavy chain (IgH) alternative processing. Probably acts by regulating histone modifications accompanying transition from membrane-specific to secretory IgH mRNA expression. {ECO:0000269|PubMed:20159561,

Target Details

	ECO:0000269 PubMed:20471948, ECO:0000269 PubMed:22195968, ECO:0000269 PubMed:23251033}.
Molecular Weight:	72.3 kDa
UniProt:	O00472

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