

Datasheet for ABIN7559372
ESCO2 Protein (AA 1-592) (His tag)



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Overview

Quantity:	1 mg
Target:	ESCO2
Protein Characteristics:	AA 1-592
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ESCO2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Esco2 Protein expressed in mammalien cells.
Sequence:	MMATCTPRKR KRYTLNADND DSSLTDISS KLRCAENLFP SPNKKHNYQS SVQKEDKSCS HQLHFPSSPL KTTENSRFSF ANHSSLFKPA MSTVSFYSKE KYYLNPLERK LIRECRSICL ATESGDKPIP SVTENIQRKP VCTKKNKKKQ KSLTAKYQPN YKHIKSKSRN LKNSKPNQVT YKPVVDQENS CFPKKNYPNS PPRVLSQKIK PQVTLQGGAA FFVRKRNSLK KLPLEDKPLL LQKNLPEVPE GAPEAKQIPK SLLVDEKSSV KVQNARSKNE EKLKRNPSGA VVSSKECNLD KHDFPSENSL DENKTISPES VYPIFNVSSV NTKRPEEQSS VGSTACTNFL KQTNVPKNIN SRDTNKGKGD QLVIDAGQKH FGTTVCKSCG MIYTASNPED EIQLQHHR FLEGIKFBGW KRERVAEFW DGKIVLVLP DPSYAIKKVE DVQELVDLEL GFQQTVPVCP DKTKTFLFID EKRVVGLIA EPIKQAFRVL SEPSASKECS RAWRCSDVPE PAICGISRIW VFRLKRRKRI ARRLVDTVRN CFMFGCFLST NEIAFSDPTP DGKLFATKYC NTPNFLVYNF HN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a

Product Details

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:

ESCO2

Alternative Name:

Esco2 ([ESCO2 Products](#))

Background:

N-acetyltransferase ESCO2 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 2) (ECO1 homolog 2),FUNCTION: Acetyltransferase required for the establishment of sister chromatid cohesion. Couples the processes of cohesion and DNA replication to ensure that only sister chromatids become paired together. In contrast to the structural cohesins, the deposition and establishment factors are required only during the S phase. Acetylates the cohesin component SMC3. {ECO:0000250|UniProtKB:Q56NI9}.

Molecular Weight:

67.3 kDa

UniProt:

[Q8CIB9](#)

Pathways:

[Positive Regulation of Endopeptidase Activity](#)

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
