

Datasheet for ABIN7562165
ESR2 Protein (AA 1-530) (His tag)



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Overview

Quantity:	1 mg
Target:	ESR2
Protein Characteristics:	AA 1-530
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ESR2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Esr2 Protein expressed in mammalian cells.
Sequence:	<p>MEIKNSPSSL TSPASYNCSQ SILPLEHGPI YIPSSYVESR HEYSAMTFYS PAVMNYSVPS STGNLEGGPV RQTASPNVLW PTSGHLSPLA THCQSSLLYA EPQKSPWCEA RSLEHTLPVN RETLKRKLGG SGCASPVTSP SAKRDAHFCV VCSDYASGYH YGVWSCEGCK AFFKRSIQGH NDYICPATNQ CTIDKNRRKS CQACRLRKCY EVGMVKCGSR RERCGYRIVR RQRSASEQVH CLNKAKRTSG HTPRVKELLL NSLSPEQLVL TLLEAEPPNV LVSRRPSMPFT EASMMMSLTK LADKELVHMI GWAKKIPGFV ELSLLDQVRL LESCWMVFLM VGLMWRSIDH PGKLIFAPDL VLDRDEGKCV EGILEIFDML LATTARFREL KLQHKYLCV KAMILLNSSM YPLATASQEA ESSRKLTHLL NAVTDALVWV ISKSGISSQQ QSVRLANLLM LLSHVRHISN KGMEHLLSMK CKNVVPVYDL LLEMLNAHTL RGYKSSISGS ECCSTEDSKS KEGSQNLQSQ 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</p>

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:

ESR2

Alternative Name:

Esr2 ([ESR2 Products](#))

Background:

Estrogen receptor beta (ER-beta) (Nuclear receptor subfamily 3 group A member 2),FUNCTION: Nuclear hormone receptor. Binds estrogens with an affinity similar to that of ESR1/ER-alpha, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner. {ECO:0000250|UniProtKB:Q92731}.

Molecular Weight:

59.1 kDa

UniProt:

[O08537](#)

Pathways:

[Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

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.
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Restrictions:	For Research Use only
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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