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Datasheet for ABIN7312110
ESR2 Protein (AA 1-323) (His tag)

Overview

Quantity:	50 µg
Target:	ESR2
Protein Characteristics:	AA 1-323
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ESR2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human ESR2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala323 is expressed with a 6His tag at the N-terminus.
Sequence:	MGSSHHHHHH SSSLVPRGSH MDIKNSPSSL NSPSSYNCSQ SILPLEHGS IYIPSSYVDSH HEYPAMTFYS PAVMNYSIPS NVTNLEGGPG RQTTPSNVLW PTPGHLSPV VHRQLSHLYA EPQKSPWCEA RSLEHTLPVN RETLKRKVS GNRKASPVTPG GSKRDAHFCA VCSFYASGYH YGVWSCEGCK AFFKRSIQGH NDYICPATNQ CTIDKNRRKS CQACRLRKCY EVGMVKCGSR RERCGYRLVR RQRSADEQLH CAGKAKRSGG HAPRVRELLL DALSPQLVL TLLEAEPPIV LISRPSAPFT EASMMMSLTK LADKELVHMI SWAKKIPGMR GNA
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target: ESR2

Alternative Name: ESR2 ([ESR2 Products](#))

Gene ID: 2100

UniProt: [Q92731](#)

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 μ M filtered solution of 50 mM Tris-HCl, pH 8.0.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.