

Product datasheet

Recombinant Human RNF14 protein ab160566

1 Image

Description

Product name	Recombinant Human RNF14 protein	
Expression system	Wheat germ	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MQFLKEETLAYLNIVSPFELKIGSQKKVQRRTAQASPN TELDFGGAAGSD VDQEEMDERAVQDVESLSNLIQEILDFDQAQKICFN SKLFLCSICFCE KLGSECMYFLECRHVYCKACLKDYFEIQIRDGQVQCLN CPEPKCPSVATP GQVKELVEAELFARYDRLLLQSSLDLMADVVCPRPC CQLPVMQEPGCTM GICSSCNFAFCTLCRLTYHGVSPCKVTAEKLMDLRNEY LQADEANKRLLD QRYGKRVIQKALEEMESKEWLEKNSKSCPCCGTPIEK LDGCNKMTCTGCM QYFCWICMGSLSRANPYKHFNDPGSPCFNRLFYAVDV DDDWEDEVED	
Amino acids	1 to 348	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160566** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	ELISA

Form	Liquid
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Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.

Tissue specificity

Widely expressed.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Belongs to the RBR family. RNF14 subfamily.

Contains 1 IBR-type zinc finger.

Contains 2 RING-type zinc fingers.

Contains 1 RWD domain.

Domain

The N-terminal destruction box (D-box) acts as a recognition signal for degradation via the ubiquitin-proteasome pathway.

The RING-type zinc finger is essential for the interaction with UBE2E2.

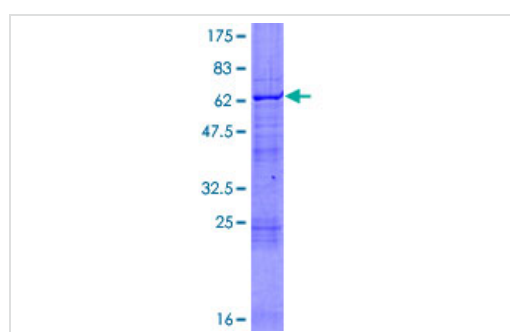
Post-translational modifications

RING-type zinc finger-dependent and UBE2E2-dependent autoubiquitination.

Cellular localization

Cytoplasm. Nucleus.

Images



SDS-PAGE - Recombinant Human RNF14 protein
(ab160566)

ab160566 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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