

Recombinant Human RING1 protein ab112348

1 Image

Description

Product name	Recombinant Human RING1 protein		
Biological activity	useful for Antibody Production and Protein Array		
Expression system	Wheat germ		
Accession	<u>Q06587</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MDGTEIAVSPRSLHSELMCPICLDMLKNTMTTKECLHRFC SDCIVTALRS GNKECPTCRKKLVSKRSLRPDPNFDALISKIYPSREEYEA HQDRVLRLLS RLHNQQALSSSIEEGLRMQAMHRAQVRVRPIPGSDQTTT MSGGEGEPGEG EGDGEDVSSDSAPDSAPGPAPKRPRGGGAGGSSVGTG GGGTGGVGGGAGS EDSGDRGGTLGGGTGPPSPPGAPSPPEPGGEIELVFRP HPLLVEKGEYC QTRYVKTTGNATVDHLSKYLALRIALERRQQQEAGEPGGP GGGASDTGGP DGC GGEGGGAGGGDGPEEPALPSLEGVSEKQYTMAPG GGAFTTLNGSL TLELVNEKFWKVSRLPLELCYAPTKDPK		
Predicted molecular weight	67 kDa including tags		
Amino acids	1 to 377		
Tags	GST tag N-Terminus		

Specifications

Our **Abpromise guarantee** covers the use of **ab112348** in the following tested applications.

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

Applications	SDS-PAGE
	Western blot

	ELISA
Form	Liquid
Additional notes	useful for Antibody Production and Protein Array

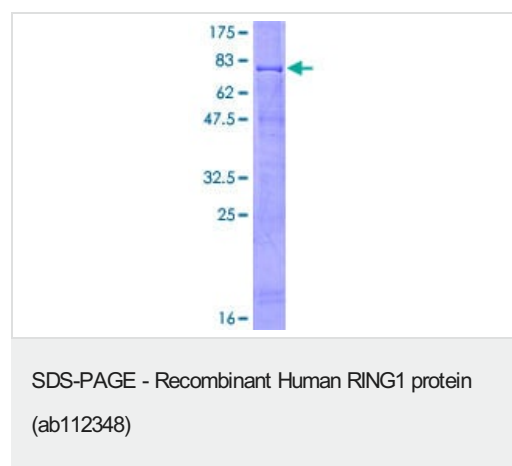
Preparation and Storage

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 Glutathione is reduced
------------------------------	--

General Info

Function	Constitutes one of the E3 ubiquitin-protein ligases that mediate monoubiquitination of 'Lys-119' of histone H2A, thereby playing a central role in histone code and gene regulation. H2A 'Lys-119' ubiquitination gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals. Essential component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex act via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility. Compared to RNF2/RING2, it does not have the main E3 ubiquitin ligase activity on histone H2A, and it may rather act as a modulator of RNF2/RING2 activity.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 RING-type zinc finger.
Cellular localization	Nucleus speckle.

Images



12.5% SDS-PAGE showing ab112348 at approximately 67.47kDa stained with Coomassie Blue.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors