Recombinant human RING-box protein 2

Catalog No: #AP72758

Package Size: #AP72758-1 20ug #AP72758-2 100ug #AP72758-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human RING-box protein 2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-113aaSequence Info:Full Length
Other Names	CKII beta-binding protein 1 ;CKBBP1RING finger protein 7Regulator of cullins 2Sensitive to apoptosis gene protein
Accession No.	Q9UBF6
Uniprot	Q9UBF6
GeneID	9616;
Calculated MW	14.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ADVEDGEETCALASHSGSSGSKSGGDKMFSLKKWNAVAMWSWDVECDTCAICRVQVMDACLRCQAENKQEDCVVVWGECNHSFHNCCMSLWVKQNNRCPLCQQDWVVQRIGK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Through the RING-type zinc finger, ses to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced by redox agents.

References

Protein kinase CKII interacts with and phosphorylates the SAG protein containing ring-H2 finger motif.Son M.-Y., Park J.-W., Kim Y.-S., Kang S.-W., Marshak D.R., Park W., Bae Y.-S.Biochem. Biophys. Res. Commun. 263:743-748(1999)Research Topic:Epigenetics and Nuclear Signaling