

Recombinant Human JAB1 protein ab131744

1 图像

描述

产品名称	重组人JAB1蛋白	
表达系统	Wheat germ	
Accession	<u>Q92905</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MAASGSGMAQKTWELANMQEAQSIDEIYKYDKKQQQEILAA KPWTKDHH YFKYCKISALALLKVMHARSGGNLEVMGLMLGKVDGETMII MDSFALPV EGTETRVAQAAAYEYMAAYIENAKQVGRLENAIGWYHSHPG YGCWLSGI DVSTQMLNQQFQEPFVAVVIDPTRTISAGKVNLGAFRTYPKG YKPPDEGP SEYQTIPLNKIEDFGVHCKQYYALEVSYFKSSLDRKLELLW NKYWNTL SSSLLTNADYTTGQVFDLSEKLEQSEAQLGRGSFMLGLETH DRKSEDKL AKATRDCKTTIEAIHGLMSQVIKDKLFNQINIS
预测分子量	62 kDa including tags	
氨基酸	1 to 334	

技术指标

Our **Abpromise guarantee** covers the use of **ab131744** in the following tested applications.

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

应用	SDS-PAGE
	Western blot
	ELISA
形式	Liquid
补充说明	

制备和贮存

稳定性和存储

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

Note: Reduced Glutathione

常规信息

功能

Probable protease subunit of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of the SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, I κ B α /NF κ B α , ITPK1 and IRF8, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. In the complex, it probably acts as the catalytic center that mediates the cleavage of Nedd8 from cullins. It however has no metalloprotease activity by itself and requires the other subunits of the CSN complex. Interacts directly with a large number of proteins that are regulated by the CSN complex, confirming a key role in the complex.

序列相似性

Belongs to the peptidase M67A family. CSN5 subfamily.

Contains 1 MPN (JAB/Mov34) domain.

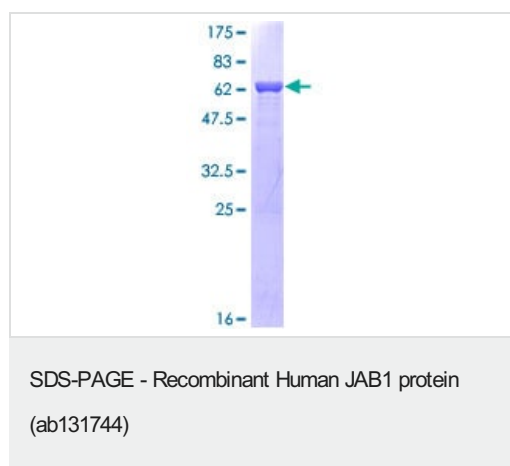
结构域

The JAMM motif is essential for the protease activity of the CSN complex resulting in deneddylation of cullins. It constitutes the catalytic center of the complex.

细胞定位

Cytoplasm. Nucleus.

图片



12.5% SDS-PAGE analysis of ab131744, stained with Coomassie Blue.

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