abcam

Product datasheet

Recombinant Human FBXO3 protein ab161963

1 Image

Overview

Product name	Recombinant Human FBXO3 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MAAMETETAPLTLESLPTDPLLLILSFLDYRDLINCCYV SRRLSQLSSHD PLWRRHCKKYWLISEEEKTQKNQCWKSLFIDTYSDVG RYIDHYAAIKKAW DDLKKYLEPRCPRMVLSLKEGAREEDLDAVEAQIGCK LPDDYRCSYRIHN GQKLVVPGLLGSMALSNHYRSEDLLDVDTAAGGFQQ RQGLKYCLPLTFCI HTGLSQYIAVEAAEGRNKNEVFYQCPDQMARNPAAID MFIIGATFTDWFT SYVKNVVSGGFPIIRDQIFRYVHDPECVATTGDITVSVS TSFLPELSSVH PPHYFFTYRIRIEMSKDALPEKACQLDSRYWRITNAKG DVEEVQGPGVVG EFPIISPGRVYEYTSCTTFSTTSGYMEGYYTFHFLYFKDK IFNVAIPRFH MACPTFRVSIARLEMGPDEYEEMEEEEEEEEEEDED DDSADMDESDEDDE EERRRRVFDVPIRRRRCSRLF
Amino acids	1 to 471
Tags	GST tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab161963** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

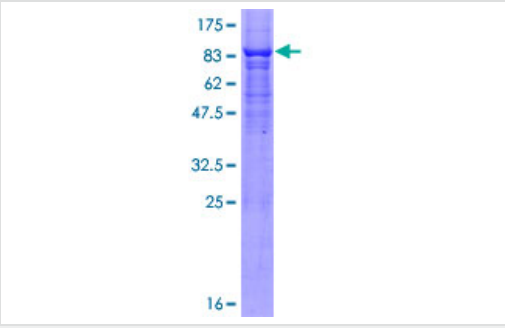
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Substrate recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the ubiquitination of HIPK2 and probably that of EP300, leading to rapid degradation by the proteasome. In the presence of PML, HIPK2 ubiquitination still occurs, but degradation is prevented. PML, HIPK2 and FBXO3 may act synergically to activate p53/TP53-dependent transactivation.
Sequence similarities	Contains 1 apaG domain. Contains 1 F-box domain.
Cellular localization	Nucleus. Colocalizes with PML at the peripheries of nuclear bodies.

Images



SDS-PAGE - Recombinant Human FBXO3 protein (ab161963)

ab161963 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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