

Recombinant Human FBXO3 Protein (1-471 aa), His-tagged

Cat. No. FBXO3-1731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO3 Protein (1-471 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-471 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	56.6 kDa
AA Sequence	MAAMETETAPLTLESLPTDPLLLILSFLDYRDLINCCYVSRRLSQLSSHDPWRRHCK KYWLISEEEKTQKNQCWKSFLFIDTYSVDVGRYIDHYAAIKKAWDDLKKYLEPRCPRMV LSLKEGAREEDLDAVEAQIGCKLPDDYRCSYRIHNGQKLVPGLLGSMALSNHYRS EDLLDVDTAAGGFQQRQGLKYCLPLTFCIHTGLSQYIAVEAAEGRNKNEVFYQCPD QMARNPAAIDMFIIGATFTDWFTSYVKNVVS GGFPPIIRDQIFRYVHDPECVATTGDITV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SVSTSFLPELSSVHPPHYFFTYRIRIEMSKDALPEKACQLDSRYWRITNAKGDVEEV
 QGPGVVGEFPIISPGRVYEYTSCTTFSTTSGYMEGYTTFHFLYFKDKIFNVAIPRFHM
 ACPTFRVSIARLEMGPDEYEEMEEEEEEEEEEDEDDSDADMDSEDEDDEEERRRR
 VFDVPIRRRRRCSRLF

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [FBXO3 F-box protein 3 \[Homo sapiens \]](#)

Official Symbol [FBXO3](#)

Synonyms FBXO3; F-box protein 3; FBA; FBX3; DKFZp564B092;

Gene ID [26273](#)

mRNA Refseq [NM_012175](#)

Protein Refseq [NP_036307](#)

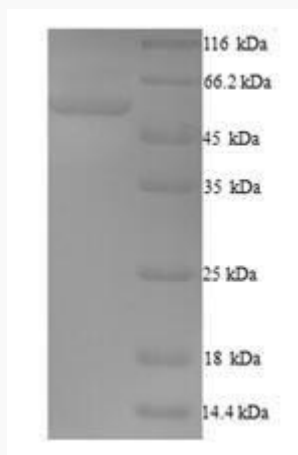
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MIM 609089

UniProt ID Q9UK99



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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