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Datasheet for ABIN7547627

FBX043 Protein (AA 1-708) (His tag)

Overview

Quantity:	1 mg
Target:	FBX043
Protein Characteristics:	AA 1-708
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX043 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat FBX043 Protein expressed in mammalien cells.
Sequence:	MSFKDKDERI SCLEAYVTLT SKSSRFTDET EILKMSQRHS GQAGTEAGNG ADSPPIVNSK YSTFRDFCST SSFQDSGYNE LKSCSFDNID KEYLGKKEKG PTLLEYHPET SGLGLTHPLE SPTQKKKCIL PRKEKDKTPE LCETPKISGK KCLPRRRLNV SFALLKGDFF SQNSSLESSI SQVINLEKNI PSSASGFSRA NNFSPPLVTST LKTEEVTSQS QKLRLNFSQQ KTSTIDDSKD DCSLFEVECI SPIQGNFKD SITHDFSDSS LCINDENACP ELLGSSVSGT TCGTDEDIFV TPISNLVANI RFNASQILSP SPEVRGSIST PEDSGFNLS LEKSEDSLSD QEGSFQELLQ KHKGTPKVG D TIRKTRHLGR SRRLSTLREQ SSQSETEEEK QIVHPDSEKR AAAASAISEG QLSSDESGDL TFSLKNLSKT PALQLVHEL F MKSKRKRLQE NSGHEFLEQG DGEKIAVLQC ILAGLIGKKM GIEKLDILTE LKYRNLK HIL AMVLESLTAE SLCSVWKVSR NWREIVVQDK NANRRRKFYI TQLKTDSEGA VLNVEDAATR LQLLNRSALR SVQAQARIPG SQREQGSTLS PWGEVLTPLA SSSVTHLSSK QEEYVKVAKT LFTDEALKPC PRCQSPAKYQ PYKKRGLCSR

Product Details

TACGFDFCVL CLCAYHGSEE CSRGAAKPRN RKDALPGSAQ SKRNLIKRL **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: FBXO43

Alternative Name: FBXO43 ([FBXO43 Products](#))

Background: F-box only protein 43 (Endogenous meiotic inhibitor 2),FUNCTION: Required to establish and maintain the arrest of oocytes at the second meiotic metaphase until fertilization. Acts by inhibiting the anaphase-promoting complex/cyclosome (APC/C) ubiquitin ligase. Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation (PubMed:34052850, PubMed:34595750). Plays a vital role in modulating the ubiquitination of CCNB1 and CDK1 during gametogenesis. {ECO:0000250|UniProtKB:Q8CDI2, ECO:0000269|PubMed:34052850, ECO:0000269|PubMed:34595750}.

Molecular Weight: 78.4 kDa

Target Details

UniProt: [Q4G163](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months