Datasheet for ABIN7565167

FBXO6 Protein (AA 1-295) (His tag)

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Overview

Quantity:	1 mg
Target:	FBXO6
Protein Characteristics:	AA 1-295
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXO6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fbxo6 Protein expressed in mammalien cells.
Sequence:	MVHINELPEN ILLELFIHIP APQLLRNCRL VCRLWRDLID VVSLWKRKSL REGFFTKDRC EPVEDWKVFY ILCSLQRNLL RNPCAEENLS SWRIDSNGGD RWKVETLPGS CGTSFPDNKV KKYFVTSFEM CLKSQMVDLK AEGYCEELMD TFRPDIVVKD WVAPRADCGC TYQLRVQLAS ADYIVLASFE PPPVTFQQWN DAKWQEISHT FSDYPPGVRH ILFQHGGQDT QFWKGWYGPR VTNSSIIISH RTAKNPPPAR TLPEETVVIG RRRRASDSNT HEGFFWQGLW QRLRR **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.

Product Details

	• Protein expressed in mammalien 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:	FBXO6
Alternative Name:	Fbxo6 (FBXO6 Products)
Background:	F-box only protein 6 (F-box only protein 6b) (F-box protein that recognizes sugar chains 2) (F-box/G-domain protein 2),FUNCTION: Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complexes. Involved in DNA damage response by specifically recognizing activated CHEK1 (phosphorylated on 'Ser-345'), promoting its ubiquitination and degradation. Ubiquitination of CHEK1 is required to ensure that activated CHEK1 does not accumulate as cells progress through S phase, or when replication forks encounter transient impediments during normal DNA replication (By similarity). Involved in endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded lumenal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Able to recognize and bind denatured glycoproteins, which are modified with not only high-mannose but also complex-type oligosaccharides. Also recognizes sulfated glycans. {ECO:0000250, ECO:0000269|PubMed:12939278, ECO:0000269|PubMed:15723043}.
Molecular Weight:	34.5 kDa

Target Details

UniProt:	Q9QZN4

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

