

Datasheet for ABIN7552280

FBX011 Protein (AA 1-845) (His tag)



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Overview

Quantity:	1 mg
Target:	FBX011
Protein Characteristics:	AA 1-845
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX011 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRMT9 Protein expressed in mammalian cells.
Sequence:	<p>MSNSRPRSRR DAGGGAGAAG RDELVSRLQ SAEHCLGVQD FGTAYAHYLL VLSLAPELKH</p> <p>DVKETFQYTL FRWAEELDAL SRIQDLLGCV EQALELFPDD EVICNSMGEH LFRMGFRDEA</p> <p>AGYFHKAVKL NPDFSDAKEN FYRVANWLVE RWHFIMLNDT KRNTIYNAI QKAVCLGSKS</p> <p>VLDIGAGTGI LSMFAKKAGA HSYVACELSK TMYELACDVV AANKMEAGIK LLHTKSLDIE</p> <p>IPKHIPERVS LVVTETVDAG LFGEGIVESL IHAWEHLLLQ PKTKGESANC EKYGKVIPAS</p> <p>AVIFGMAVEC AEIRRHHRVG IKDIAGIHLP TNVKFQSPAY SSVDEETIE PYTTEKMSRV</p> <p>PGGYLALTEC FEIMTVDFNN LQELKSLATK KPDKIGIPVI KEGILDAIMV WFVLQLDDEH</p> <p>SLSTSPSEET CWEQAVYPVQ DLADYWIKPG DHVMMEVSCQ DCYLRIQIS VLGLECEMDV</p> <p>AKSFTQNKDL LSLGNEAELC SALANLQTSK PDAVEQTCIL ESTEIALNIN IPYHEGFKMA</p> <p>MSKVLSSLTP EKLYQTMETH CQNEMSSGTG QSNTVQNILE PFYVLDVSEG FSVLPVIAGT</p> <p>LGQVKPYSSV EKDQHRIALD LISEANHFPA ETLEFWLRHV EDESAMLQRP KSDKLWSIII</p> <p>LDVIEPSGLI QQEIMEKAAI SRCLLQSGGK IFPQYVLMFG LLVESQTLLE ENAVQGTER</p>

Product Details

LGLNIAPFIN QFQVPIRVFL DLSSLPCIPL SKPVELLRDL LMTPLYNTSN REVKVYVCKS

GRLTAIPFWY HMYLDEEIRL DTSSEASHWK QAAVVDNPI QVEMGEELVL SIQHHKSNVS ITVKQ

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: FBX011

Alternative Name: PRMT9 ([FBX011 Products](#))

Background: Protein arginine N-methyltransferase 9 (Protein arginine N-methyltransferase 10) (EC 2.1.1.320),FUNCTION: Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA). Specifically mediates the symmetrical dimethylation of SF3B2. Involved in the regulation of alternative splicing of pre-mRNA (PubMed:25737013, PubMed:25979344).
{ECO:0000269|PubMed:25737013, ECO:0000269|PubMed:25979344}.

Target Details

Molecular Weight:	94.5 kDa
UniProt:	Q6P2P2
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	We expect the protein to work for functional studies. 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