

Datasheet for ABIN7557146  
**FBX011 Protein (AA 1-846) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FBX011
Protein Characteristics:	AA 1-846
Origin:	Mouse
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>MPNSRPRPRR GAGGGAGAAG RDRLVARSLQ SAEHCLGDQD FGTAYAHYLL VLSLAPELKD</p> <p>DVKETFQYTL FKWAEELHAL SRIQDLLGCY EQALELFPDD EVICNSMGEH LFRMGFRDEA</p> <p>AGYFHKAVKL NPDFNDAKEN FYRVANWLVE RWHFIMLNDT RRNMVYNAAI QKAVCLGSRT</p> <p>VLDIGTGTGI LSMFAKKAGA QSVYACELSK TMYELACDVV AANKMENGIK LLHMKSLDIE</p> <p>IPKHIPERLS LVVTETVDAG VFGEGIVESL IHAWEHLLLQ PKTKEENGNC GKYGKVIPAG</p> <p>AVIFGMAVEC AEIRRHHRVG AKDIAGIHL TNVKFQSPAY TSDVTEETVE PYTTEKMSGI</p> <p>PGGYLPLTEC FQIMKVDENN LQELKSLATK KPHSLNPAI KEGVLDAIMV WFLVQLDDEY</p> <p>SLSTSPSEET CWEQAVYPVQ ALEDYCIQPG DRVTMEASCH DCYLRIQGIS ILHLEHEMEV</p> <p>MKGFTKSKDL LSLGNEAELC SALANLQTSR PEALEQTCML EPTIALLNN IPYHEGFKTA</p> <p>MRKVLSSLAP ELLWQPMPTH CQYMEMNSGS GQSDAAPSTA DPFYVLDVSE GFSLLPILAG</p> <p>TLGHVKPYSS VEKDQHCIAL DLIAEANHFP KETLEFWLRH IEDEAAVLQR PKSDKLWSII</p> <p>ILDVIEPSGL IQQELMEKAA ISRCLLQSGG KIFPQYVLMF GMLVESQTLV EESAVQGTEH</p>

## Product Details

TLGLNIAPFI NQFQVPIRVC LDLSSLPCVP LSQPVELLRL DLMTPLYLNTS NKEVKVRVCR  
SGRVTAVPFW FHLCLDDEV R LDTSGEASHW KQAAVVDNP IQVQAGEELV LSVEHHKSNV  
SIAVKP **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. {ECO:0000250|UniProtKB:Q6P2P2}.

## Target Details

Molecular Weight:	94.2 kDa
UniProt:	<a href="#">Q3U3W5</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## 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