

Datasheet for ABIN7549520
FAM119A Protein (AA 1-218) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FAM119A
Protein Characteristics:	AA 1-218
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM119A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant METTL21A Protein expressed in mammalian cells.
Sequence:	MALVPYEETT EFGLQKFHKP LATFSFANHT IQIRQDWRHL GVAAVVWDAA IVLSTYLEMG AVELRGRSAV ELGAGTGLVG IVAALLGAHV TITDRKVALE FLKSNVQANL PPHIQTKTVV KELTWGQNLG SFSPGEFDLI LGADIYLEE TFTDLLQTLLE HLCSNHSVIL LACRIRYERD NNFLAMLERQ FTVRKVHYDP EKDVHIYEAQ KRNQKEDL 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	FAM119A
Alternative Name:	METTL21A (FAM119A Products)
Background:	<p>Protein N-lysine methyltransferase METTL21A (EC 2.1.1.-) (HSPA lysine methyltransferase) (HSPA-KMT) (Hepatocellular carcinoma-associated antigen 557b) (Methyltransferase-like protein 21A),FUNCTION: Protein-lysine methyltransferase that selectively trimethylates residues in heat shock protein 70 (HSP70) family members. Contributes to the in vivo trimethylation of Lys residues in HSPA1 and HSPA8. In vitro methylates 'Lys-561' in HSPA1, 'Lys-564' in HSPA2, 'Lys-585' in HSPA5, 'Lys-563' in HSPA6 and 'Lys-561' in HSPA8.</p> <p>{ECO:0000269 PubMed:22948820, ECO:0000269 PubMed:23349634, ECO:0000269 PubMed:23921388}.</p>
Molecular Weight:	24.6 kDa
UniProt:	Q8WXB1

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.
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Application Details

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