

#### OriGene Technologies, Inc.

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# Product datasheet for AR50987PU-S

# FAM119A (93-218, His-tag) Human Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	FAM119A (93-218, His-tag) human recombinant protein, 20 μg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSTDRKVAL EFLKSNVQAN LPPHIQTKTV VKELTWGQNL GSFSPGEFDL ILGADIIYLE ETFTDLLQTL EHLCSNHSVI LLACRIRYER DNNFLAMLER QFTVRKVHYD PEKDVHIYEA QKRNQKEDL
Tag:	His-tag
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human METTL21A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001120867</u>
Locus ID:	151194
UniProt ID:	Q8WXB1
Cytogenetics:	2q33.3
Synonyms:	FAM119A; HCA557b; HSPA-KMT

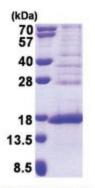


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Summary:Protein-lysine methyltransferase that selectively trimethylates residues in heat shock protein<br/>70 (HSP70) family members. Contributes to the in vivo trimethylation of Lys residues in<br/>HSPA1 and HSPA8. In vitro methylates 'Lys-561' in HSPA1, 'Lys-564' in HSPA2, 'Lys-585' in<br/>HSPA5, 'Lys-563' in HSPA6 and 'Lys-561' in HSPA8.[UniProtKB/Swiss-Prot Function]

### **Product images:**



15% SDS-PAGE (3ug)

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