

## 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 ILGADIILE ETFTDLLQTL EHLCSNHSV I LLACRIRYER DNNFLAMLER QFTVRKVHYD PEKDVHIYEA QQRNQKEDL
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:	<a href="#">NP_001120867</a>
Locus ID:	151194
UniProt ID:	<a href="#">Q8WXB1</a>
Cytogenetics:	2q33.3
Synonyms:	FAM119A; HCA557b; HSPA-KMT



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**Summary:**

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.[UniProtKB/Swiss-Prot Function]

**Product images:**