

## Product datasheet for **AR50987PU-N**

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

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | FAM119A (93-218, His-tag) human recombinant protein, 0.1 mg   |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSTDRKVAL EFLKSNVQAN LPPHIQTKTV VKELTWGQNL GSFSPGEFDL ILGADIYLE ETFTDLLQTL EHLCSNHSV I LLACRIRYER DNNFLAMLER QFTVRKVHYD PEKDVHIYEA QKRNQKEDL |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 17 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >85% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>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:**