

## Recombinant Human FAM171B protein, Fc-tagged

**Cat. No.** FAM171B-109H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human FAM171B (Glu33-Thr355) protein was fused to human IgG1 Fc tag at C-terminus and expressed in human 293 cells (HEK293).                                 |
| <b>Species</b>              | Human                                                                                                                                                                    |
| <b>Source</b>               | HEK293                                                                                                                                                                   |
| <b>ProteinLength</b>        | Glu33-Thr355                                                                                                                                                             |
| <b>Description</b>          | Family with sequence similarity 171, member B (FAM171B) is also known as KIAA1946, NPD019, which is a single-pass type I membrane protein, belongs to the FAM171 family. |
| <b>Predicted N Terminal</b> | Glu33                                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.                                                                |
| <b>Molecular Mass</b>       | The protein has a calculated MW of 62.7 kDa. The protein migrates as 80-95 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                             |
| <b>Endotoxin</b>            | Less than 1.0 EU per µg by the LAL method.                                                                                                                               |
| <b>Purity</b>               | >95% as determined by SDS-PAGE.                                                                                                                                          |

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**Storage**

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

FAM171B

**Official Symbol**

FAM171B

**Synonyms**

KIAA1946

**Gene ID**

165215

**mRNA Refseq**

NM\_177454.3

**Protein Refseq**

NP\_803237.3

**UniProt ID**

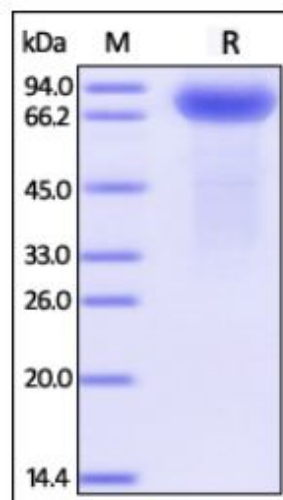
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**SDS-PAGE of  
FAM171B-109H**



Human FAM171B, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.