

# Recombinant Human FAM109B Protein (1-259 aa), His-SUMO-tagged

**Cat. No.** FAM109B-1046H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FAM109B Protein (1-259 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-259 aa                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Plays a role in endocytic trafficking. Required for receptor recycling from endosomes, both to the trans-Golgi network and the plasma mbrane.                                                                                                                                        |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 44.3 kDa                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MKLNERSVAHYALSDSPADHMGFLRTWGGPGTPPTPSGTGRRRCWFVLKGNLLFSF<br>ESREGRAPLSLVVLEGCTVELAEAPVPEEFafaicFDAPGVRPHLLAAEGPAAQEA<br>VKVLSRASFGYMRLVVRELESQQLQDARQSLALQRRSSWKSVASRCKPQAPNHRAA<br>GLENGHCLSKDSSPVGLVEEAGSRSAGWGLAEWELQGPASLLLKGKQSPVSPETS<br>CFSTLHDWYGQEIVELRQCWQKRAQGSHSKCEEQDRP |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                     |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |

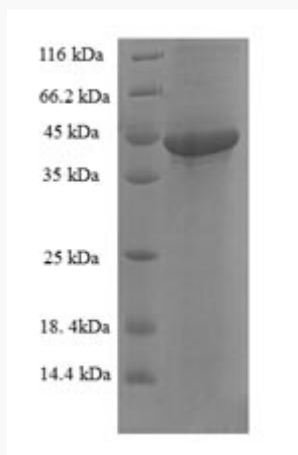
## GENE INFORMATION

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FAM109B family with sequence similarity 109, member B [ Homo sapiens ]          |
| <b>Official Symbol</b> | FAM109B                                                                         |
| <b>Synonyms</b>        | FAM109B; sesquipedalian-2; DKFZp686J07229; Ses2; IPIP27B; MGC125831; MGC125832; |
| <b>Gene ID</b>         | 150368                                                                          |
| <b>mRNA Refseq</b>     | NM_001002034                                                                    |
| <b>Protein Refseq</b>  | NP_001002034                                                                    |
| <b>MIM</b>             | 614240                                                                          |
| <b>UniProt ID</b>      | Q6ICB4                                                                          |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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