

# Recombinant Full Length Xenopus Laevis Protein Fam73B(Fam73B) Protein, His-Tagged

**Cat. No.** RFL31014XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Recombinant Full Length Xenopus laevis Protein FAM73B(fam73b) Protein (Q6GR21) (1-589aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Xenopus laevis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Full Length (1-589)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAFQRAEGMSIIQALAMTVAEIPVFLYTTFGQSTFSQLRLSPGLRKVLFATALGTVAL<br>AL AAHQLKRRKHKKKQITADNGGLKLGVPGSVLPVRRSSSAKKGYSRSRVQSPS<br>SKSNDTL SGISLDPSKHSSSSSHSLASVVAVNSSSINAAPAGPWESPEMDETLEEG<br>DSNAENLYIQG MELFEEALHKWEQALNVGQRCRSNTPASQVNDLLNQSCSEGLSE<br>DSQSGHFAGKLEALLY RAYNLQEEFGTSIPPDDLMDLEGSLIFPLVESRRALMMDD<br>EGSSTSEDSFFSAAELFET LQLNEVPFLPTKPAAAYEEALKLVHTGEVACRTLRTTEL<br>LGCYNDQDFLAKLHCVRQAFEV LLLDDGNQLFFGEVGKQMITGLMQAEKNPKGF<br>LENYEEMLRALKQDTWATTQRELKGR GVVCMNFFDIALDFILMDAFEDLESPPSS<br>VLAVLRNRWLSDSFKETALATACWSVLKAKR RLLMVPDGFISHFYVSEHVSPVLA<br>YGFLGPKEHLTEVCNFFKNQIVQYLKDMFDLDNVR YSTIQSLAEDILHLSRRRS DILL<br>GYLGVETVREMNGAVPVQTTEAELD |
| <b>Purity</b>           | Greater than 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°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b> | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b> | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

## GENE INFORMATION

|                   |                                              |
|-------------------|----------------------------------------------|
| <b>Gene Name</b>  | miga2                                        |
| <b>Synonyms</b>   | miga2; fam73b; Mitoguardin 2; Protein FAM73B |
| <b>UniProt ID</b> | <a href="#">Q6GR21</a>                       |

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