

## Recombinant Human FXN protein, His-SUMO & Myc-tagged

**Cat. No.** FXN-4372H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FXN protein(Q16595)(1-210aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-210aa                                                                                                                                                                                                                                          |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 43.1 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>MWTLGRRVAGLLASPSAQATLTRVPRPAELAPLCGRRGLRTDIDATCTPRRAS</p> <p>SNQRGLNQIWNVKKQSVYLMNLRKSGTLGHPGSLDETTYERLAEETLDSLAEFFED</p> <p>LADKPYTFEDYDVSFGSGVLTVKLGDDLGTIVINKQTPNKQIWLSSPSSGPKRYDW</p> <p>TGKNWVYSHDGVSLHELLAAELTKALKTKLDLSSLAYSGKDA</p>   |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |

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**Reconstitution**

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%.

**GENE INFORMATION****Gene Name** [FXN frataxin \[ Homo sapiens \]](#)**Official Symbol** [FXN](#)**Synonyms**

FXN; frataxin; FRDA, Friedreich ataxia; frataxin, mitochondrial; CyaY; FA; FARR; X25; Friedreich ataxia protein; FRDA; MGC57199;

**Gene ID** [2395](#)**mRNA Refseq** [NM\\_000144](#)**Protein Refseq** [NP\\_000135](#)**MIM** [606829](#)**UniProt ID** [Q16595](#) Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA