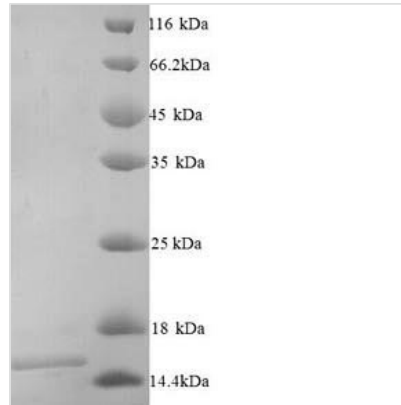




Recombinant Mouse Frataxin, mitochondrial (Fxn),partial

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|--------------------------|--|
| Product Code | CSB-YP009086MO |
| Relevance | Promotes the biosynthesis of he and assbly and repair of iron-sulfur clusters by delivering Fe ²⁺ to proteins involved in these pathways. May play a role in the protection against iron-catalyzed oxidative stress through its ability to catalyze the oxidation of Fe ²⁺ to Fe ³⁺ ; the oligomeric form but not the monomeric form has in vitro ferroxidase activity. May be able to store large amounts of iron in the form of a ferrihydrite mineral by oligomerization. Modulates the RNA-binding activity of ACO1 . |
| Abbreviation | Recombinant Mouse Fxn protein, partial |
| Storage | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | O35943 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | LGTLDPSSLDETAYERLAEETLDSLAEFFEDLADKPYTLEDYDVSFSGDGVLTIKLGGDLGTYVINKQTPNKQIWLSSPSSGPKRYDWTGKNWVYSHDGVSLHELLARELTKALNTKLDLSSLAYS GKG T |
| Source | Yeast |
| Target Names | Fxn |
| Protein Names | Recommended name: Frataxin, mitochondrial Short name= Fxn EC= 1.16.3.1Cleaved into the following 2 chains: 1. Frataxin intermediate form 2. Frataxin mature form |
| Expression Region | 78-207aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 16.4kDa |
| Protein Length | Partial |
| Image | |



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

Shelf Life

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