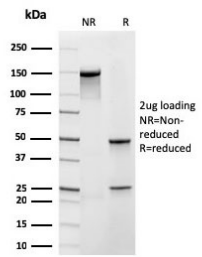
Recombinant Frataxin Antibody / FXN [clone rFXN/2124] (V7790)

Catalog No.	Formulation	Size
V7790-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7790-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7790SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rFXN/2124
Purity	Protein G affinity chromatography
UniProt	Q16595
Localization	Cytoplasmic
Applications	ELISA (order BSA-free format for coating)
Limitations	This recombinant Frataxin antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant FXN antibody (clone rFXN/2124) as confirmation of integrity and purity.

Description

Frataxin is a nuclear-encoded mitochondrial protein implicated in Friedreich's ataxia (FRDA), a human autosomal recessive neurodegenerative disease. Lack of Frataxin causes iron to accumulate in the mitochondrial matrix suggesting that Frataxin is involved in mitochondrial iron homeostasis and possibly in iron transport. Frataxin has an alpha-beta fold consisting of two helices flanking an antiparallel beta sheet.

For additional Frataxin and mitochondrial metabolism research antibodies targeting iron-sulfur cluster assembly, oxidative phosphorylation pathways, and mitochondrial iron homeostasis proteins, explore the broader FXN Antibody page featuring monoclonal clone FXN/2124.

Application Notes

Optimal dilution of the recombinant Frataxin antibody should be determined by the researcher.

Immunogen

Amino acids 57-210 from the human protein were used as the immunogen for this FXN antibody.

Storage

Store the recombinant Frataxin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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