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Datasheet for ABIN7505451

## Ferritin Mitochondrial Protein (AA 50-237) (His tag)

### Overview

Quantity:	100 µg
Target:	Ferritin Mitochondrial (FTMT)
Protein Characteristics:	AA 50-237
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ferritin Mitochondrial protein is labelled with His tag.

### Product Details

Sequence:	Ala 50-His 237
Characteristics:	A DNA sequence encoding the Mouse FTMT protein (Q9D5H4) (50Ala-237His) was expressed with N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	Ferritin Mitochondrial (FTMT)
Alternative Name:	FTMT ( <a href="#">FTMT Products</a> )
Background:	Background: Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.  Synonym: Ferritin, mitochondrial,Ftmt,

## Target Details

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Molecular Weight:	20.57 kDa
UniProt:	<a href="#">Q9D5H4</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months