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## Datasheet for ABIN7505517 FTH1 Protein (AA 1-182) (His tag)

### Overview

Quantity:	100 µg
Target:	FTH1
Protein Characteristics:	AA 1-182
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FTH1 protein is labelled with His tag.

### Product Details

Sequence:	Met 1-Ser 182
Characteristics:	A DNA sequence encoding the Rat Ferritin heavy chain protein (P19132) (Met 1-Ser 182) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	FTH1
Alternative Name:	Ferritin heavy chain ( <a href="#">FTH1 Products</a> )
Background:	<p>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. Also plays a role in delivery of iron to cells.</p> <p>Synonym: Fth1,Fth,FRIH,Ferritin heavy chain,Ferritin H subunit</p>

### Target Details

Molecular Weight:	19.91 kDa
UniProt:	<a href="#">P19132</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

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