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Datasheet for ABIN7505081

FTH1 Protein (AA 1-183) (His tag)

Overview

Quantity:	100 µg
Target:	FTH1
Protein Characteristics:	AA 1-183
Origin:	Human
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 183
Characteristics:	A DNA sequence encoding the Human FTH protein (P02794) (Met 1-Ser 183) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FTH1
Alternative Name:	FTH (FTH1 Products)
Background:	<p>Background: Ferritin heavy polypeptide 1(FTH1), is a ubiquitous intracellular protein which stores iron in a soluble, non-toxic, readily available form. FTH1 has ferroxidase activity and is important for iron homeostasis. Iron is taken up in the ferrous form and depo</p> <p>Synonym: Ferritin heavy chain,FTH1,FTH,FTHL6,Ferritin H subunit,Cell proliferation-inducing</p>

Target Details

	gene 15 protein,FHC,HFE5,PIG15
Molecular Weight:	20.02 kDa
UniProt:	P02794
Pathways:	Transition Metal Ion Homeostasis

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