

Ferritin, Heavy Polypeptide (FTH) Recombinant Protein | FTH recombinant protein

Recombinant Ferritin, Heavy Polypeptide (FTH)

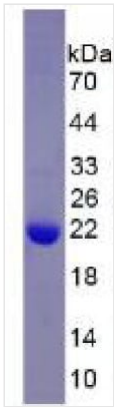
CATALOG # AAA134330	HOST E. coli	REACTIVITY Ovis aries; Ovine (Sheep)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Ferritin; Heavy Polypeptide (FTH); Recombinant Ferritin; FTH recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Ovis aries; Ovine (Sheep)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 120ug/mL (varies by lot)
Applicable Applications for FTH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Asp172
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.3
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.2 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Figure. Gene Sequencing (extract)

SDS-PAGE
Figure. SDS-PAGE

MTTASPSQVRQNTWHDSEAAINRQINLELYASTVYLSTSTYFDRODVALENFAYFLHQSHREERHAER
LMKLNQNRGGRIPLQDIKKPDRDWFENGLNAMECALCLERSVNSQLLEHLKATEKNOPHLCDPIETHY
LNEQVEATKELGDIHTNLKRGAPGSGMAEYLF

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706908
UniProt Accession #	P18685
Molecular Weight	Predicted Molecular Mass: 1.3kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Ferritin heavy chain
UniProt Protein Name	Ferritin heavy chain
UniProt Gene Name	FTH1
UniProt Synonym Gene Names	FTH; Ferritin H subunit
UniProt Entry Name	FRIH_SHEEP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.