Datasheet for ABIN934987

FTL Protein (AA 1-175)

1 Image

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Overview

Quantity:	100 µg
Target:	FTL
Protein Characteristics:	AA 1-175
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSSQIRQNYS TDVEAAVNSL VNLYLQASYT YLSLGFYFDR DDVALEGVSH FFRELAEEKR EGYERLLKMQ NQRGGRALFQ DIKKPAEDEW GKTPDAMKAA MALEKKLNQA LLDLHALGSA RTDPHLCDFL ETHFLDEEVK LIKKMGDHLT NLHRLGGPEA GLGEYLFERL TLKHD
Characteristics:	Purified recombinant Human FTL protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure

Target Details

Target:	FTL
Alternative Name:	FTL (FTL Products)
Background:	Ferritin is a large, iron-storage heteropolymeric protein composed of two subunit types, light

Target Details

	(FTL) and heavy (FTH1) polypeptides, which is expressed in most kinds of cells and co-assemble in different proportion in a tissue-specific manner. Ferritin is composed of 24 self-assembled polypeptide subunits and is characterized by the capacity to remove Fe from solution in the presence of oxygen. Recombinant human FTL was expressed in E. coli and purified by conventional chromatography techniques. Alternative Names: Ferritin protein, light polypeptide 1 Ferritin H subunit protein, light polypeptide 1 protein, Ferritin protein, FTH1 protein, Ferritin light chain like protein, FTH protein, FTL protein, FTL protein., Ferritin heavy polypeptide 1 protein, Ferritin protein, Ferritin L subunit protein, heavy polypeptide protein, Ferritin light polypeptide protein, Ferritin heavy chain like protein
Molecular Weight:	20 kDa (175 AA)
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	FTL protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl, pH 7.5.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long term storage.

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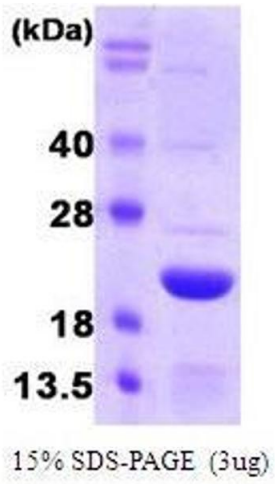

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.

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