

Recombinant Human RTL protein, GST-tagged

Cat. No. FTL-3011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FTL (1-175 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp175
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSSQIRQNYSTDVEAAVNSLVNLYLQASYTYLSLGFYFDRDDVALEGVSHFFRELAE EKREGYERLLKMQNQRGGRALFQDIKKPAEDEWGKTPDAMKAAMALEKKLNQALL DLHALGSARTDPHLCDFLETHFLDEEVKLIKMGDHLTNLHRLGGPEAGLGEYLFER LTLKHD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

FTL ferritin, light polypeptide [Homo sapiens]

Official Symbol

FTL

Synonyms

FTL; ferritin, light polypeptide; ferritin light chain; ferritin L subunit; ferritin L chain; ferritin light polypeptide like 3; L apoferritin; MGC71996; ferritin L-chain; ferritin light polypeptide-like 3; NBIA3;

Gene ID

2512

mRNA Refseq

NM_000146

Protein Refseq

NP_000137

MIM

134790

UniProt ID

P02792

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