

Recombinant Mouse Ftl1 Protein, Myc/DDK-tagged

Cat. No. Ftl1-3099M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ferritin light polypeptide 1 (Ftl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.
Molecular Mass	20.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ftl1 ferritin light polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Ftl1
Synonyms	Ftl1; ferritin light polypeptide 1; Ft; Ftl; L-fe; Ftl-1; L-ferritin; ferritin light chain 1; ferritin L subunit 1
Gene ID	14325
mRNA Refseq	NM_010240
Protein Refseq	NP_034370
UniProt ID	Q9CPX4

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