

Recombinant Mouse Ifi30 Protein, Myc/DDK-tagged

Cat. No. Ifi30-3476M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length interferon gamma inducible protein 30 (Ifi30), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Lysosomal thiol reductase that can reduce protein disulfide bonds. May facilitate the complete unfolding of proteins destined for lysosomal degradation. Plays an important role in antigen processing. Facilitates the generation of MHC class II-restricted epitopes from disulfide bond-containing antigen by the endocytic reduction of disulfide bonds. Facilitates also MHC class I-restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation.
Molecular Mass	27.8 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ifi30 interferon gamma inducible protein 30 [Mus musculus (house mouse)]

Official Symbol Ifi30

Synonyms Ifi30; interferon gamma inducible protein 30; GI; IP; GILT; IP30; gamma-interferon-inducible lysosomal thiol reductase; gamma-interferon-inducible protein IP-30; lysosomal thio reductase IP30; lysosomal thiol reductase IP30

Gene ID 65972

mRNA Refseq NM_023065

Protein Refseq NP_075552

UniProt ID Q9ESY9

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