

Recombinant Human Silver Homolog (Mouse)

Cat. No. SILV-160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Melanoma (gp100) protein expressed in <i>E.coli</i> encodes amino acids 1-150.
Species	Human
Source	E.coli
Protein Length	1-150 a.a.
Description	Silver homolog (mouse), also known as SILV, is a human gene. Its gene product may be referred to as silver, ME20, gp100 or Pmel17 and is a 100 kDa type I transmembrane protein. Its processing results in the formation of non-pathological aggregates that form the melanosomal striation. Antibody to melanoma gp100 is widely used in pathology due to its specificity and sensitivity in identifying melanocytic tumors.
Formulation	Recombinant Human Melanoma (gp100) protein at 100mg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Application And Suggested Dilutions	•ELISA •Inhibition Assays •Western Blotting
Characterization	gp100 antibody reactive.
Storage & Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months.

GENE INFORMATION

Gene Name [SILV silver homolog \(mouse\) \[Homo sapiens \]](#)

Synonyms SILV; silver homolog (mouse); SI; SIL; ME20; PMEL; gp100; PMEL17; D12S53E; silver homolog; Pmel 17; Melanocyte protein mel 17; Silver, mouse, homolog of; silver (mouse homolog)-like; melanosomal matrix protein17; Silver locus protein homolog; Melanocyte lineage-specific antigen GP100; Melanoma-associated ME20 antigen; ME20-M; ME20M; ME20-S; Secreted melanoma-associated ME20; ME20S; 95 kDa melanocyte-specific secreted

Gene ID [6490](#)

mRNA Refseq [NM_006928](#)

Protein Refseq [NP_008859](#)

MIM [155550](#)

UniProt ID [P40967](#)

Chromosome Location 12q13-q14

Function protein binding

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