

## Recombinant Human Silver Homolog (Mouse)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Melanoma (gp100) protein expressed in <i>E.coli</i> encodes amino acids 1-150.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Protein Length</b>	1-150 a.a.
<b>Description</b>	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.
<b>Formulation</b>	Recombinant Human Melanoma (gp100) protein at 100mg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
<b>Application And Suggested Dilutions</b>	•ELISA •Inhibition Assays •Western Blotting
<b>Characterization</b>	gp100 antibody reactive.
<b>Storage &amp; Stability</b>	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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