

Recombinant Mouse Sohlh1 Protein, Myc/DDK-tagged

Cat. No. Sohlh1-6043M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length spermatogenesis and oogenesis specific basic helix-loop-helix 1 (Sohlh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation. Coordinates oocyte differentiation without affecting meiosis I.
Molecular Mass	38.2 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.

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GENE INFORMATION

Gene Name	Sohlh1 spermatogenesis and oogenesis specific basic helix-loop-helix 1 [Mus musculus (house mouse)]
Official Symbol	Sohlh1
Synonyms	SOHLH1; spermatogenesis and oogenesis specific basic helix-loop-helix 1; spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1; helix-loop-helix protein NOHLH; Gm110; Nohlh; RP23-123F7.2
Gene ID	227631
mRNA Refseq	NM_001001714
Protein Refseq	NP_001001714
UniProt ID	Q6IUP1

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