

Recombinant Mouse Foxa3 Protein, His-tagged

Cat. No. Foxa3-1512M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Foxa3 Protein (Met1-Leu209) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu209
Description	Enables sequence-specific DNA binding activity. Involved in regulation of transcription by RNA polymerase II and spermatogenesis. Acts upstream of or within several processes, including cellular glucose homeostasis; hematopoietic stem cell homeostasis; and positive regulation of transcription by RNA polymerase II. Located in nucleus. Is expressed in several structures, including central nervous system; embryo mesenchyme; genitourinary system; gut; and skeleton. Orthologous to human FOXA3 (forkhead box A3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.3 kDa Accurate Molecular Mass: 26 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Foxa3 forkhead box A3 [Mus musculus (house mouse)]
Official Symbol	Foxa3
Synonyms	FOXA3; forkhead box A3; hepatocyte nuclear factor 3-gamma; HNF-3-gamma; forkhead box protein A3; hepatocyte nuclear factor 3 gamma (winged helix transcription factor); Hnf3g; Tcf3g; Hnf-3g; Tcf-3g;
Gene ID	15377
mRNA Refseq	NM_008260
Protein Refseq	NP_032286
UniProt ID	P35584