

Recombinant Mouse Foxf1 Protein, His&GST-tagged

Cat. No. Foxf1-1518M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Foxf1 Protein (Ser128-Met378) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser128-Met378
Description	Enables RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Acts upstream of or within several processes, including animal organ development; chordate embryonic development; and regulation of transcription by RNA polymerase II. Located in nucleus. Is expressed in several structures, including alimentary system; central nervous system; embryo mesenchyme; respiratory system; and urethra. Used to study persistent fetal circulation syndrome. Human ortholog(s) of this gene implicated in persistent fetal circulation syndrome. Orthologous to human FOXF1 (forkhead box F1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.4 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	Foxf1 forkhead box F1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Foxf1
Synonyms	Foxf1; forkhead box F1; Hfh8; HFH-8; FREAC1; Foxf1a; Freac-1; AI450827; forkhead box protein F1; HNF-3/forkhead homolog 8; forkhead box F1a; forkhead-related protein FKHL5; forkhead-related transcription factor 1; hepatocyte nuclear factor 3 forkhead homolog 8
Gene ID	15227
mRNA Refseq	NM_010426
Protein Refseq	NP_034556

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UniProt ID

Q61080

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