Recombinant Mouse Foxf2 Protein, His-tagged

Cat. No. Foxf2-1519M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Foxf2 Protein (Leu203-Met446) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu203-Met446
Description	Enables DNA binding activity and DNA-binding transcription factor activity. Involved in embryonic camera-type eye morphogenesis. Acts upstream of or within several processes, including embryonic digestive tract development; establishment of planar polarity of embryonic epithelium; and negative regulation of transcription, DNA-templated. Located in nucleus. Is expressed in several structures, including alimentary system; ear; embryo mesenchyme; genitourinary system; and limb digit. Orthologous to human FOXF2 (forkhead box F2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.9 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

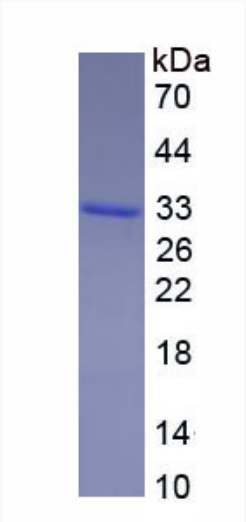
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Foxf2 forkhead box F2 [Mus musculus (house mouse)]
Official Symbol	Foxf2
Synonyms	FOXF2; forkhead box F2; forkhead box protein F2; forkhead homolog 20; LUN; Fkh20; FREAC2;
Gene ID	14238
mRNA Refseq	NM_010225
Protein Refseq	NP_034355
UniProt ID	O54743

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