

Recombinant Mouse Foxd2 Protein, His&GST-tagged

Cat. No. Foxd2-1514M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Foxd2 Protein (Met1-Asp206) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asp206
Description	Predicted to enable DNA-binding transcription activator activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in anatomical structure morphogenesis; cell differentiation; and positive regulation of transcription by RNA polymerase II. Predicted to be located in nucleus. Is expressed in several structures, including brain; embryo mesenchyme; genitourinary system; integumental system; and sensory organ. Orthologous to human FOXD2 (forkhead box D2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.3 kDa Accurate Molecular Mass: 56 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	Foxd2 forkhead box D2 [Mus musculus (house mouse)]
Official Symbol	Foxd2
Synonyms	FOXD2; forkhead box D2; forkhead box protein D2; MF-2; mesoderm/mesenchyme forkhead 2; Mf2; AI426778;
Gene ID	17301
mRNA Refseq	NM_008593
Protein Refseq	NP_032619
UniProt ID	O35392

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA