

Recombinant Rat Foxd3 Protein, His-tagged

Cat. No. Foxd3-1515R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Foxd3 Protein (Gln244-Phe479) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln244-Phe479
Description	Enables double-stranded DNA binding activity. Predicted to be involved in several processes, including cell differentiation; in utero embryonic development; and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within cellular response to leukemia inhibitory factor; embryonic placenta development; and trophectodermal cell differentiation. Predicted to be located in chromatin. Human ortholog(s) of this gene implicated in vitiligo. Orthologous to human FOXD3 (forkhead box D3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28 kDa Accurate Molecular Mass: 32 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	Foxd3 forkhead box D3 [Rattus norvegicus (Norway rat)]
Official Symbol	Foxd3
Synonyms	Foxd3; forkhead box D3; CWH3; Hfh2; Genesis; forkhead box protein D3; HFH-2; HNF3/FH transcription factor genesis; hepatocyte nuclear factor 3 forkhead homolog 2
Gene ID	29203
mRNA Refseq	NM_080774
Protein Refseq	NP_542952
UniProt ID	F1LSL0

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