

Recombinant Human FOXD1 Protein, His&GST-tagged

Cat. No. FOXD1-1513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXD1 Protein (Met1-Asn176) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn176
Description	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. Studies of the orthologous mouse protein indicate that it functions in kidney development by promoting nephron progenitor differentiation, and it also functions in the development of the retina and optic chiasm. It may also regulate inflammatory reactions and prevent autoimmunity.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.3 kDa Accurate Molecular Mass: 48 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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

FOXD1 forkhead box D1 [Homo sapiens (human)]

Official Symbol

FOXD1

Synonyms

FOXD1; forkhead box D1; FKHL8; forkhead box protein D1; FREAC4; FREAC-4; forkhead-like 8; forkhead-related activator 4; forkhead-related protein FKHL8; Forkhead, drosophila, homolog-like 8; forkhead-related transcription factor 4;

Gene ID

2297

mRNA Refseq

NM_004472

Protein Refseq

NP_004463

MIM

601091

UniProt ID

Q16676

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