

Recombinant Human FOXD2

Cat. No. FOXD2-28109TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human FOXD2 (amino acids 411-494) with a N terminal proprietary tag; Predicted MWt 34.87 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	84 amino acids
Description	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined.
Molecular Weight	34.870kDa inclusive of tags
Tissue specificity	Kidney specific.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	SFSIDHIMGHGGGGAAPPGAGEGSPGPPFAAAAGPGGQAQVLAMLTAPALAPVAG HIRLSHPGDALLSSGSRFASKVAGLSGCH
Sequence Similarities	Contains 1 fork-head DNA-binding domain.
GENE INFORMATION	
Gene Name	FOXD2 forkhead box D2 [Homo sapiens]
Official Symbol	FOXD2
Synonyms	FOXD2; forkhead box D2; FKHL17; forkhead box protein D2; FREAC9;
Gene ID	2306
mRNA Refseq	NM_004474
Protein Refseq	NP_004465
MIM	602211
Uniprot ID	O60548
Chromosome Location	1p34-p32
Function	DNA bending activity; double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;