

Recombinant Human FOXC2

Cat. No. FOXC2-28108TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 421-501 of Human FOXC2, with an N-terminal proprietary tag, predicted MWt 35.02 kDa
Species	Human
Source	Wheat Germ
ProteinLength	81 amino acids
Description	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the development of mesenchymal tissues.
Molecular Weight	35.020kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

Sequences of amino acids	AASWYLNHSGDLNHLPGHTFAAQQQTFFPNVREMFNSHRLGIENSTLGESQVSGNA SCQLPYRSTPPLYRHAAPYSYDCTKY
---------------------------------	--

Sequence Similarities	Contains 1 fork-head DNA-binding domain.
------------------------------	--

GENE INFORMATION

Gene Name	FOXC2 forkhead box C2 (MFH-1, mesenchyme forkhead 1) [Homo sapiens]
------------------	---

Official Symbol	FOXC2
------------------------	-------

Synonyms	FOXC2; forkhead box C2 (MFH-1, mesenchyme forkhead 1); FKHL14; forkhead box protein C2; MFH 1;
-----------------	--

Gene ID	2303
----------------	------

mRNA Refseq	NM_005251
--------------------	-----------

Protein Refseq	NP_005242
-----------------------	-----------

MIM	602402
------------	--------

Uniprot ID	Q99958
-------------------	--------

Chromosome Location	16q24.1
----------------------------	---------

Pathway	Adipogenesis, organism-specific biosystem; Heart Development, organism-specific biosystem;
----------------	--

Function	DNA bending activity; chromatin DNA binding; double-stranded DNA binding;
-----------------	---

 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

sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

 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