

Recombinant Human FOXC2 protein, MYC/DDK-tagged

Cat. No. FOXC2-6160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXC2, fused with MYC/DDK tag at C-terminal, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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; MFH-1,mesenchyme forkhead 1; transcription factor FKH-14; mesenchyme fork head protein 1; forkhead-related protein FKHL14; forkhead, Drosophila, homolog-like 14; LD; MFH1; 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 binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; chromatin DNA binding; 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; transcription factor binding; transcription regulatory region DNA binding;

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