

Recombinant Full Length Human FOXQ1 Protein, Flag-tagged

Cat. No. FOXQ1-2159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human forkhead box Q1 (FOXQ1) with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
Description	FOXQ1 is a member of the FOX gene family, which is characterized by a conserved 110-amino acid DNA-binding motif called the forkhead or winged helix domain. FOX genes are involved in embryonic development, cell cycle regulation, tissue-specific gene expression, cell signaling, and tumorigenesis.
Molecular Mass	41.3 kDa
AA Sequence	MKLEVFVPRAAHGDKQGSDLEGAGGSDAPSPLSAAGDDSLGSDGDCAANSPAAG GGARDPPGDGEQSAGGGPGAEEEIPAAAAAAVVAEGAEAGAAGPGAGGAGSGEG ARSKPYTRRPKPPYSYIALIAMAIRDSAGGRLTLAEINEYLMGKFPFFRGSYTGWRN SVRHNLSLNDCFVKVLRDPSRPWGKDNYWMLNPNSEYTFADGVFRRRRKRLSHRA PVPAPGLRPEEAPGLPAAPPPAPAAPASPRMRSPARQEERASPAGKFSSSFAIDSIL RKPFRSRRLRDTAPGTTLQWGAAPCPPLPAFPALLPAAPCRALLPLCAYGAGEPAR LGAREAEVPPTAPPLLLAPLPAAAPAKPLRGAAGGAHLYCPLRLPAALQAASVRRP GPHLPYPVETLLATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Shipping	Dry Ice

GENE INFORMATION

Gene Name	FOXQ1 forkhead box Q1 [Homo sapiens (human)]
Official Symbol	FOXQ1
Synonyms	FOXQ1; forkhead box Q1; forkhead box protein Q1; HFH1; HFH-1; HNF-3/forkhead-like protein 1; winged helix/forkhead transcription factor; hepatocyte nuclear factor 3 forkhead homolog 1
Gene ID	94234
mRNA Refseq	NM_033260
Protein Refseq	NP_150285
MIM	612788

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UniProt ID

Q9C009

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