Recombinant Human FOXQ1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FOXQ1-2158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FOXQ1 MS Standard C13 and N15-labeled recombinant protein (NP_150285) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 GGARDPPGDGEQSAGGGPGAEEAIPAAAAAAVVAEGAEAGAAGPGAGGAGSGEG ARSKPYTRRPKPPYSYIALIAMAIRDSAGGRLTLAEINEYLMGKFPFFRGSYTGWRN SVRHNLSLNDCFVKVLRDPSRPWGKDNYWMLNPNSEYTFADGVFRRRRKRLSHRA PVPAPGLRPEEAPGLPAAPPPAPAAPASPRMRSPARQEERASPAGKFSSSFAIDSIL RKPFRSRRLRDTAPGTTLQWGAAPCPPLPAFPALLPAAPCRALLPLCAYGAGEPAR LGAREAEVPPTAPPLLLAPLPAAAPAKPLRGPAAGGAHLYCPLRLPAALQAASVRRP GPHLPYPVETLLATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

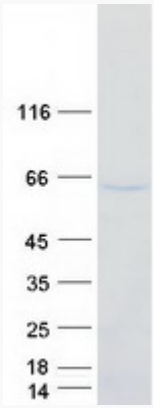
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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
UniProt ID	Q9C009

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SDS-PAGE	

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