

## Product datasheet for PH308831

### FOXQ1 (NM\_033260) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FOXQ1 MS Standard C13 and N15-labeled recombinant protein (NP_150285)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208831
Predicted MW:	41.3 kDa
Protein Sequence:	>RC208831 representing NM_033260 Red=Cloning site Green=Tags(s)

MKLEVFVPRAAHGDKQGS DLEAGGSDAPSLSAAGD DLSGSDGCAANSPAAGGGARDPPGDGEQSAGG  
GPGAE EAI PAAAAA VVAEGAEAGAAGPGAGGAGSGEGARSKPYTRRPKPPYSYIALIAMAIRDSAGGRL  
TLAEINEYLMGKFPFFRGSYTGWRNSVRHNL SLNDCFVKVLRDPSRPWGKDNYWMLNPNSEYTFADGVFR  
RRRKRLSHRAPVPAPGLRPEEAPGLPAAPP PAPAAPASPRMRSPARQEERASPAGKFS SSSFAIDSILRKP  
FRSRRLRDTAPGTTLQWGAAPCPPLPAFPALLPAAPCRALLPLCAYGAGEPARLGAREAEVPPTAPLLL  
APLPAAPAKPLRGAAGGAHLYCPLRLPAALQAASVRRPGHLPYPVETLLA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_150285</u>
RefSeq Size:	2322
RefSeq ORF:	1209
Synonyms:	HFH1
Locus ID:	94234



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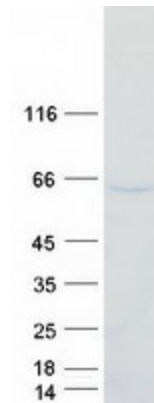
UniProt ID: [Q9C009](#)

Cytogenetics: 6p25.3

Summary: 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 (Bieller et al., 2001 [PubMed 11747606]).[supplied by OMIM, May 2009]

Protein Families: Transcription Factors

### Product images:



Coomassie blue staining of purified FOXQ1 protein (Cat# [TP308831]). The protein was produced from HEK293T cells transfected with FOXQ1 cDNA clone (Cat# [RC208831]) using MegaTran 2.0 (Cat# [TT210002]).