

Product datasheet for PH313792

FOXD4 (NM_207305) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FOXD4 MS Standard C13 and N15-labeled recombinant protein (NP_997188)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213792
Predicted MW:	47.3 kDa
Protein Sequence:	>RC213792 protein sequence Red=Cloning site Green=Tags(s)

MNLPRAERLRSTPQRSLRDSGDGDKIDVLGEEDEDEEEAASQQFLEQSLQPGLQVARWGGVALPREHI
EGGGGSPDPSEFGTEFRAPPRSAASEDARQPAKPPSSYIALITMAILQSPHKRLTSGICAFISDRFPY
YRRKFPWQNSIRHNLNLNDCFVKIPREPGRPGKGNYSWLDPASQDMFDNGSFLRRRKRFRHQPTPGAH
LPHFPPLPAHAALHNPRPGPLLAPAPPQVPGAYPNTGPGRRPYALLHPPRYLLLSAPAYAGAPKK
AEGADLATPAPFPCCSPHLVLSLGRRARVRRHREADASLSALRVSCKSGSERVQGLRRVCPRPRGATAP
CSSDRQACRTILQQQRHQEEDCANGCAPTKGAVLGGHLAASALLRYQVAEGSGLTSLAAPLGGEGTS
PVFLVSPTPSSLAESAGPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_997188</u>
RefSeq Size:	2204
RefSeq ORF:	1317
Synonyms:	FKHL9; FOXD4A; FREAC-5; FREAC5



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Locus ID: 2298

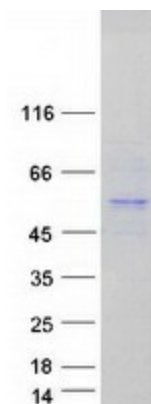
UniProt ID: [Q12950](#)

Cytogenetics: 9p24.3

Summary: This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy, obsessive-compulsive disorders, and suicidality. [provided by RefSeq, Mar 2012]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified FOXD4 protein (Cat# [TP313792]). The protein was produced from HEK293T cells transfected with FOXD4 cDNA clone (Cat# [RC213792]) using MegaTran 2.0 (Cat# [TT210002]).