Recombinant Human FOXD4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FOXD4-3877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FOXD4 MS Standard C13 and N15-labeled recombinant protein (NP_997188) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	47.3 kDa
AA Sequence	MNLPRAERLRSTPQRSLRDSDGEDGKIDVLGEEEDEDEEEAASQQFLEQSLQPGLQ VARWGGVALPREHIEGGGGPSDPSEFGTEFRAPPRSAAASEDARQPAKPPSSYIAL ITMAILQSPHKRLTLSGICAFISDRFPYYRRKFPAWQNSIRHNLSLNDCFVKIPREPGR PGKGNYWSLDPASQDMFDNGSFLRRRKRFQRHQPTPGAHLPHPFPLPAAHAALHN PRPGPLLGAPAPPQPVPGAYPNTGPGRRPYALLHPHPPRYLLLSAPAYAGAPKKAE GADLATPAPFPCCSPHLVLSLGRRARVWRRHREADASLSALRVSCKGSGERVQGL RRVCPRPRGATAPCSSDRQACRTILQQQQRHQEEDCANGCAPTKGAVLGGHLSAA SALLRYQAVAEGSGLTSLAAPLGGEGTSPVFLVSPTPSSLAESAGPSTRTRPLEQKL

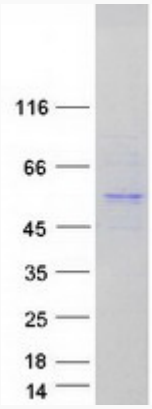
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	FOXD4 forkhead box D4 [Homo sapiens (human)]
Official Symbol	FOXD4
Synonyms	FOXD4; forkhead box D4; FKHL9; forkhead box protein D4; FOXD4a; FREAC5; myeloid factor-alpha; forkhead-related activator 5; forkhead-related protein FKHL9; forkhead, Drosophila, homolog-like 9; forkhead-related transcription factor 5; FOXD4A; FREAC-5; MGC105106;
Gene ID	2298
mRNA Refseq	NM_207305
Protein Refseq	NP_997188
MIM	601092

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UniProt ID	Q12950
SDS-PAGE	

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