Recombinant Human FOXI1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FOXI1-4576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FOXI1 MS Standard C13 and N15-labeled recombinant protein (NP_658982) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene may play an important role in the development of the cochlea and vestibulum, as well as in embryogenesis. The encoded protein has been found to be required for the transcription of four subunits of a proton pump found in the inner ear, the kidney, and the epididymis. Mutations in this gene have been associated with deafness, autosomal recessive 4.
Molecular Mass	30.8 kDa
AA Sequence	MSSFDLPAPSPPRCSPQFPSIGQEPPEMNLYYENFFHPQGVPSPQRPSFEGGGEY GATPNPYLWFNGPTMTPPPYLPGPNASPFLPQAYGVQRPLLPSVSGLGGSDLGWL PIPSQEELMKLVRPPYSYSALIAMAIHGAPDKRLTLSQIYQYVADNFPFYNKSKAGW QNSIRHNLSLNDCFKKVPRDEDDPAYVSGGSPTSHPLVTPGLSPEPSDKTGQNSLT FNSFSPLTNLSNHSGGGDWANPMPTNMLSYGGSVLSQFSPHFYNSVNTSGVLYPR EGTEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

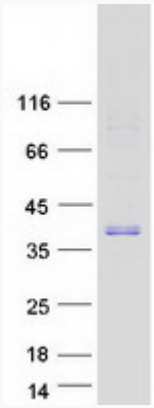
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM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

GENE INFORMATION

Gene Name	FOXI1 forkhead box I1 [Homo sapiens (human)]
Official Symbol	FOXI1
Synonyms	FOXI1; forkhead box I1; FKHL10; forkhead box protein I1; FREAC6; forkhead-like 10; HNF-3/fork-head homolog 3; HNF-3/fork-head homolog-3; forkhead-related activator 6; forkhead-related protein FKHL10; forkhead-related transcription factor 6; hepatocyte nuclear factor 3 forkhead homolog 3; HFH3; FKH10; HFH-3; FREAC-6; MGC34197;
Gene ID	2299
mRNA Refseq	NM_144769
Protein Refseq	NP_658982
MIM	601093
UniProt ID	Q12951

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SDS-PAGE	

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