

## Product datasheet for **TP760413**

### **FOXI1 (NM\_012188) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human forkhead box I1 (FOXI1), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length FOXI1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	40.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036320</a>
<b>Locus ID:</b>	2299
<b>UniProt ID:</b>	<a href="#">Q12951</a> , <a href="#">E0XEN6</a>
<b>RefSeq Size:</b>	2296
<b>Cytogenetics:</b>	5q35.1
<b>RefSeq ORF:</b>	1134
<b>Synonyms:</b>	FKH10; FKHL10; FREAC-6; FREAC6; HFH-3; HFH3



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**Summary:**

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. [provided by RefSeq, Jan 2017]

**Protein Families:**

Transcription Factors

**Product images:**