

## Product datasheet for **TP306430L**

### FOX11 (NM\_144769) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human forkhead box I1 (FOX11), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206430 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSSF~~DL~~PAPSPPRCSPQFPSIGQEPP~~EM~~NLYENFFHPQGVPSQRPSPFEGGG~~EY~~GATPNPYLWFNGPTM  
TPPPYLP~~GP~~NAS~~FL~~PQAYGVQRLLPSV~~SL~~GGS~~DL~~GLWLP~~IP~~SQEELMKLVRPPYS~~S~~ALIAMA~~I~~HGAP  
DKRLT~~LS~~QIYQYVADN~~FP~~FYNKSKAGWQNSIRH~~N~~LSLND~~CF~~KKVPR~~ED~~DPAYVSGGSPTSH~~PL~~VTPGLS  
PEPSDKT~~GQ~~NSLTFNS~~F~~SPLTNLSNHSGGDWANP~~M~~PTNMLS~~Y~~GGSVLSQFSPHFYNSVNTSGVLYPREG  
TEV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	30.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_658982</a>
Locus ID:	2299



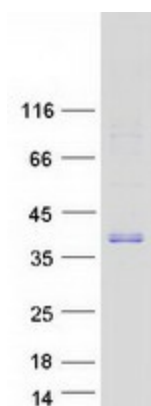
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UniProt ID: [Q12951](#)  
RefSeq Size: 2011  
Cytogenetics: 5q35.1  
RefSeq ORF: 849  
Synonyms: FKHL10; FKHL10; FREAC-6; FREAC6; HFH-3; HFH3

**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:



Coomassie blue staining of purified FOX11 protein (Cat# [TP306430]). The protein was produced from HEK293T cells transfected with FOX11 cDNA clone (Cat# [RC206430]) using MegaTran 2.0 (Cat# [TT210002]).