

Product datasheet for **TP306430M**

FOX11 (NM_144769) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human forkhead box I1 (FOX11), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206430 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSF~~DL~~PAPSPPRCSPQFPSIGQEPP~~EM~~NLYENFFHPQGVPS~~QR~~PSFEGGG~~EY~~GATPNPYLW~~FN~~GPTM
TPPPYLPGPNASPFLPQAYGVQRLLPSVSLGGSDLGWLP~~IP~~SQEELMKLVRPPYS~~S~~ALIAMA~~I~~HGAP
DKRLT~~LS~~QIQYVADNFPFY~~N~~KSKAGWQNSIRH~~N~~LSLND~~CF~~KKVPR~~ED~~DPAYVSGGSPTSHPLVTPGLS
PEPSDKTGQNSLTFNSFSPLTNLSNHSGGGDWANPMP~~T~~NMLS~~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: [NP_658982](#)

Locus ID: 2299



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UniProt ID: [Q12951](#)

RefSeq Size: 2011

Cytogenetics: 5q35.1

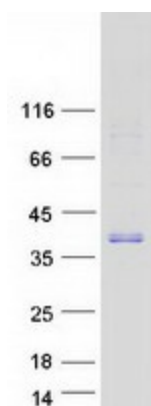
RefSeq ORF: 849

Synonyms: FKH10; 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]).