

Product datasheet for **TP505758**

Foxi1 (NM_023907) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse forkhead box I1 (Foxi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA >MR205758 protein sequence
Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MSSFDLPAPSPPRCSPQFPSIGQEPPEMNLYYENFFHPQGMPSQRPTSFEGGGGEYGTTPNPYLWLNQPA
MTPPPYLPGTNASPFLPQAYGMQRQLLPSDLGWLPIPSQEELMKLVRPPYSALIAMAIHGAPDQRLTL
SQIYQYVADNFPFYNKSKAGWQNSIRHNLNLNDCFKKVPREDDEDPGKGNWTLDPNCEKMFNDNGNFRKR
KRKSDSSSTSSLASEKTENGLLASSPKPTEPQEVLDTASPDTTTSSPEKRSSPAPSGTPCLNNFLSTMT
AYVSGTNPISRVSATPGLSSEPIDKMGQNSLNFNSYTPLTNLSSHGNGGEWANPVATNALGYGGSVFNQF
SPHFYNSINTNGILFPREGTEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 40.8 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
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 after receiving vials.
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_076396](#)
Locus ID: 14233
UniProt ID: [Q92215](#)



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RefSeq Size: 2354

Cytogenetics: 11 19.65 cM

RefSeq ORF: 1119

Synonyms: 5830401E05Rik; Fkh10; FREAC6; HFH-3; Hfh3

Summary: Transcriptional activator required for the development of normal hearing, sense of balance and kidney function. Required for the expression of SLC26A4/PDS, JAG1 and COCH in a subset of epithelial cells and the development of the endolymphatic system in the inner ear. Also required for the expression of SLC4A1/AE1, SLC4A9/AE4, ATP6V1B1 and the differentiation of intercalated cells in the epithelium of distal renal tubules.[UniProtKB/Swiss-Prot Function]