

Recombinant Mouse Foxi1 Protein, Myc/DDK-tagged

Cat. No. Foxi1-3072M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length forkhead box I1 (Foxi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	40.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Foxi1 forkhead box I1 [Mus musculus (house mouse)]

Official Symbol Foxi1

Synonyms FOXI1; forkhead box I1; forkhead box protein I1; forkhead homolog 10; HNF-3/forkhead homolog 3; Hfh3; Fkh10; HFH-3; FREAC6; 5830401E05Rik

Gene ID 14233

mRNA Refseq NM_023907

Protein Refseq NP_076396

UniProt ID Q922I5

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