

## Product Information

### MemDX™ Membrane Protein Human SLC26A4 (Solute carrier family 26 member 4) Full

#### Length

Cat. No.: **MPC0792K**

This product is for research use only and is not intended for diagnostic use.

This product is a 85.7 kDa Human SLC26A4 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

SLC26A4

##### Protein Length

Full length

##### Protein Class

Transporter

##### Molecular Weight

85.7 kDa

##### TMD

12

##### Sequence

MAAPGGRSEPPQLPEYSCSYMVSRPVYSELAFQQQHERRLQERKTLRESL  
AKCCSCSRKRAFGVLKTLVPILEWLPKYRVKEWLLSDVISGVSTGLVATL  
QGMAYALLAAVPVGYGLYSAFFPILTYFIFGTSRHISVGPFVVSMLMVG  
VVLSPMAPDEHFLVSSSNGTVLNTTMTIDAARDTARVLIASALTLLVGIIQ  
LIFGGLQIGFIVRYLADPLVGGFTTAAAFQVLVSQKIVLNVSTKNYNGV  
LSIYTLVEIFQNIQDNLADFTAGLLTIVVCMVAVKELNDRFRHKIPVPI  
PIEVITIIATAISYGANLEKNYNAGIVKSIPRGFLPPELPPVSLFSEML  
AASFSAVVAYAIASVSGKVYATKYDYTIDGNQEFIAFGISNIFSGFFSC  
FVATTALSRATVQESTGGKTQVAGIISAAIVMAILALGKLEPLQKSVL  
AAVVIANLKGFMFQLCDIPRLWRQNKIDAVIWWFTCIVSIILGLDLGLLA  
GLIFGLLTVVLRVQFPSWNLGSIPTDIYKSTKNYKNIEEPQGVKILRF  
SSPIFYGNVDGFKKCIKSTVGFDVIRVYNKRLKALRKIQKLIKSGQLRAT  
KNGIISDAVSTNNAFEPDEDIEDLELDIPTKEIEIQVDWNSLPVKVNV  
PKVPIHSLVLDCAISFLDVVGVRSLRVIVKEFQRIDVNVYFASLQDYVI  
EKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQVKSQEGQGSILETITLIQ  
DCKDTLELIETELTEEELDVQDEAMRTLAS

## Product Description

### Expression Systems

HEK293

### Tag

Based on specific requirements

### Protein Format

Detergent or based on specific requirements

### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

SLC26A4

### Full Name

Solute carrier family 26 member 4

### Introduction

Mutations in this gene are associated with Pendred syndrome, the most common form of syndromic deafness, an autosomal-recessive disease. It is highly homologous to the SLC26A3 gene; they have similar genomic structures and this gene is located 3' of the SLC26A3 gene. The encoded protein has homology to sulfate transporters.

### Alternative Names

EVA; PDS; DFNB4; TDH2B; pendrin; sodium-independent chloride/iodide transporter; solute carrier family 26 (anion exchanger), member 4; truncated solute carrier family 26; SLC26A4; Solute carrier family 26 member 4

### Gene ID

[5172](#)

### UniProt ID

[Q43511](#)