

# Recombinant Full Length Human SLC26A4 Protein, GST-tagged

Cat. No. SLC26A4-598HF    Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant full length Human SLC26A4(1 a.a. - 780 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>ProteinLength</b>    | 780 amino acids  |
| <b>Description</b>      | 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.  |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |
| <b>Molecular Mass</b>   | 112.75 kDa   |
| <b>AA Sequence</b>      | <p>MAAPGGRSEP PQLPEYSCSY MVS RPVYSEL AFQQQHERRL QERKTLRESL<br/>           AKCCSCSRKR AFGVLKTLVP ILEWLPKYRV KEWLLSDVIS GVSTGLVATL<br/>           QGMAYALLAA VPGYGLYSA FFPILTYFIF GTSRHISVGP FPVVS LLMVGS<br/>           VVLSMAPDEH FLVSSSNGTV LNTTMIDTAA RDTARVLIAS ALTLLVGIIQ<br/>           LIFGGLQIGF IVRYLADPLV GGFTTAAAFQ VLVSQ LKIVL NVSTKNYNGV<br/>           LSIITLVEI FQNIGDTNLA DFTAGLLTIV VCMAVKELND RFRHKIPVPI PIEVIVTIIA</p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

TAISYGANLE KNYNAGIVKS IPRGFLPPEL PPVSLFSEML AASFSIAVVA  
 YAIAVSVGKV YATKYDYTID GNQEFIAFGI SNIFSGFFSC FVATTALSRT  
 AVQESTGGKT QVAGIISAAI VMIAIALGK LLEPLQKSVL AAVVIANLKG  
 MFMQLCDIPR LWRQNKIDAV IWVFTCVSI ILGLDLGLLA GLIFGLLTVV  
 LRVQFPSWNG LGSIPSTDIY KSTKKNYKNIE EPQGVKILRF SSPIFYGNVD  
 GFKKCIKSTV GFDAIRVYNK RLKALRKIQK LIKSGQLRAT KNGIISDAVS  
 TNNAFEPDED IEDLEELDIP TKEIEIQVDW NSELPVKVNV PKVPIHSLVL  
 DCGAISFLDV VGVRSRLRVIV KEFQRIDVNV YFASLQDYVI EKLEQCGFFD  
 DNIRKDTFFL TVHDAILYLQ NQVKSQEGQG SILETITLIQ DCKDTLELIE  
 TELTEEELDV QDEAMRTLAS

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

SLC26A4 solute carrier family 26, member 4 [ Homo sapiens ]

**Official Symbol**

SLC26A4

**Synonyms**

SLC26A4; solute carrier family 26, member 4; DFNB4; pendrin; PDS; sodium-independent chloride/iodide transporter; EVA; TDH2B

**Gene ID**

5172

**mRNA Refseq**

NM\_000441

**Protein Refseq**

NP\_000432

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| <b>MIM</b> | 605646 |
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| <b>UniProt ID</b> | O43511 |
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