

Recombinant Human SLC26A4 protein, MYC/DDK-tagged

Cat. No. SLC26A4-318H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human SLC26A4 fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | 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. |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 85.5 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Notes | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

| | |
|----------------------------|--|
| 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 |
| MIM | 605646 |
| UniProt ID | O43511 |
| Chromosome Location | 7q31 |
| Pathway | Multifunctional anion exchangers, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem; |
| Function | chloride transmembrane transporter activity; iodide transmembrane transporter activity; secondary active sulfate transmembrane transporter activity; sulfate transmembrane transporter activity; transporter activity; |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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