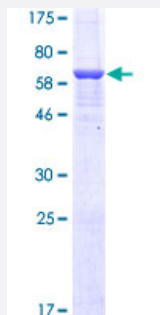


SLC26A4 (Human) Recombinant Protein (Q01)

Catalog # H00005172-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC26A4 partial ORF (NP_000432, 674 a.a. - 754 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RSLRVIVKEFQRIDVNVYFASLQDYVIEKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQVKSQEGQG SILETTILIQDCKD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.65
Interspecies Antigen Sequence	Mouse (83); Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — SLC26A4

Entrez GeneID [5172](#)

GeneBank Accession# [NM_000441](#)

Protein Accession# [NP_000432](#)

Gene Name SLC26A4

Gene Alias DFNB4, EVA, PDS

Gene Description solute carrier family 26, member 4

Omim ID [274600](#) [600791](#) [605646](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations pendrin

Disease

- [Auditory Threshold](#)
- [Autoimmune Diseases](#)
- [Bone Conduction](#)
- [Deafness](#)

- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Goiter](#)
- [Hearing Loss](#)
- [HIV Infections](#)
- [Pendred syndrome](#)
- [Presbycusis](#)
- [Speech Perception](#)
- [Syndrome](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Vertigo](#)