

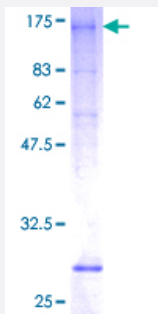
Full-Length

SLC26A3 (Human) Recombinant Protein (P01)

Catalog # H00001811-P01

Size 2 ug

Applications



Specification

Product Description

Human SLC26A3 full-length ORF (AAH25671, 1 a.a. - 764 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIEPFGNQYVARPVYSTNAFEENHKKTGRHHKTFDHLKVCCSCSPQKAKRMLSLFPIASWLPA
YRLKEWLLSDIVSGISTGMAVLQGLAFALLVDIPPVYGLYASFFPAIMLFFGTSRHISVGPFPILSMM
VGLAVSGAVSKAVPDRNATTLGLPNNSNNSSLLDDERVRVAAAASVTLSGIIQLAFGILRIGFVVIY
LSESLISGFTTAAAVHVLVSQLKFIFQLTVPSHTDPVSIFKVLYSVFSQIEKTNIADLV TALVLLVVSIV
KEINQRFKDKLPVPIPIEFIMTVIAAGVSYGCD FKNRFKVAVVGDMNPGFQPPITPDVETFQNTVGD
CFGIAMVAFAVAFSVASVYSLKYDYPLDGNQELIALGLGNVCGVFRGFAGSTALSRSAVQESTGG
KTQIAGLIGAIIVLVLAIGFLLAPLQKSVLAALALGNLKGMLMQFAEIGRLWRDKYDCLWIMTFIFTI
VLGLGLGLAASVAFQLLTIVFRTQFPKCSTLANIGRTNMYKNKKDYDMEPEGVKIFRCPSPIYFANI
GFFRRKLIDAVGFSPRLRILRKRNKALRKIRKLQKQGLLQVTPKGFICTVDTIKDSDEELDNNQIEVLD
QPINTDLPPFHIDWNDDLPLNIEVPKISLHSLILDFS AVSFLDVSSVRGLKSILQEFIRIKVDVYIVGTD
DDFIEKLNRYEFFDGEVKSSIFFLTIHDAVLHILMKKDYSTSKFNPSQEKDGDGKIDFTINTNGGLRNRV
YEVVETKF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.78

Interspecies Antigen Sequence

Mouse (80); Rat (81)

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 — SLC26A3

Entrez GeneID	1811
GeneBank Accession#	BC025671
Protein Accession#	AAH25671
Gene Name	SLC26A3
Gene Alias	CLD, DRA
Gene Description	solute carrier family 26, member 3
Omim ID	126650
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane glycoprotein that transports chloride ions across the cell membrane in exchange for bicarbonate ions. It is localized to the mucosa of the lower intestinal tract, particularly to the apical membrane of columnar epithelium and some goblet cells. The protein is essential for intestinal chloride absorption, and mutations in this gene have been associated with congenital chloride diarrhea. [provided by RefSeq]
Other Designations	down-regulated in adenoma protein

Disease

- [Colitis](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)