

Recombinant Human SLC26A3 293 Cell Lysate

Cat. No. SLC26A3-1753HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 26, member 3 (SLC26A3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name SLC26A3 solute carrier family 26, member 3 [Homo sapiens]

Official Symbol SLC26A3

Synonyms SLC26A3; solute carrier family 26, member 3; CLD, congenital chloride diarrhea ,
DRA; chloride anion exchanger; down-regulated in adenoma protein; CLD; DRA;

Gene ID 1811

mRNA Refseq NM_000111

Protein Refseq NP_000102

MIM 126650

UniProt ID P40879

**Chromosome
Location** 7q31

Pathway Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Multifunctional anion exchangers, organism-specific biosystem; Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;

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Function

anion:anion antiporter activity; antiporter activity; secondary active sulfate transmembrane transporter activity; sequence-specific DNA binding transcription factor activity; transcription cofactor activity; transporter activity;

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