

Recombinant Human SLC26A2 293 Cell Lysate

Cat. No. SLC26A2-1754HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 26 (sulfate transporter), member 2 (SLC26A2) 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

SLC26A2 solute carrier family 26 (sulfate transporter), member 2 [Homo sapiens]

Official Symbol

SLC26A2

Synonyms

SLC26A2; solute carrier family 26 (sulfate transporter), member 2; DTD; sulfate transporter; DTDST; sulfate anion transporter 1; diastrophic dysplasia protein; solute carrier family 26 member 2; diastrophic dysplasia sulfate transporter; EDM4; MST153; D5S1708; MSTP157;

Gene ID

1836

mRNA Refseq

NM_000112

Protein Refseq

NP_000103

MIM

606718

UniProt ID

P50443

Chromosome Location

5q31-q34

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

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and amino acids/oligopeptides, organism-specific biosystem;

Function

secondary active sulfate transmembrane transporter activity; sulfate transmembrane transporter activity; transporter activity;

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