

## Product Information

### MemDX™ Membrane Protein Human SLC29A3 (Solute carrier family 29 member 3) Full

#### Length

Cat. No.: **MPC0809K**

This product is for research use only and is not intended for diagnostic use.

This product is a 51.8 kDa Human SLC29A3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

SLC29A3

##### Protein Length

Full length

##### Protein Class

Transporter

##### Molecular Weight

51.8 kDa

##### TMD

11

##### Sequence

MAVVSDDDFQHSSNSTYRTTSSSLRADQEALLEKLLDRPPPGLQRPEDRF  
CGTYIIFFSLGIGSLLPWNFFITAKEYWMFKLRNSSSPATGEDPEGSDIL  
NYFESYLAVASTVPSMLCLVANFLLVNRVAVHIRVLASLTVILAIFMVIT  
ALVKVDTSWTRGFFAVTIVCMVILSGASTVFSSSIYGMTGSFPMRNSQA  
LISGGAMGGTVSAVASLVDLAASSDVRNSALAFFLTATVFLVLCMGLYLL  
LSRLEYARYYMRPVLAHVFSGEEELPQDSLAPSASRFIDSHTPPLRP  
ILKKTASLGFCVTYVFFITSLIYPAICTNIESLNKGSGLWTTKFFIPLT  
TFLLYNFADLCGRQLTAWIQVPGPNSKALPGFVLLRTCLIPFLVLCNYQP  
RVHLKTVVFQSDVYPALLSLLGLSNGYLSTLALLYGPKIVPRELAEATG  
VMSFYVCLGLTLGSACSTLLVHLI

#### Product Description

##### Expression Systems

HEK293

**Tag**

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

SLC29A3

**Full Name**

Solute carrier family 29 member 3

**Introduction**

This gene encodes a nucleoside transporter. The encoded protein plays a role in cellular uptake of nucleosides, nucleobases, and their related analogs. Mutations in this gene have been associated with H syndrome, which is characterized by cutaneous hyperpigmentation and hypertrichosis, hepatosplenomegaly, heart anomalies, and hypogonadism. A related disorder, PHID (pigmented hypertrichosis with insulin-dependent diabetes mellitus), has also been associated with mutations at this locus. Alternatively spliced transcript variants have been described.

**Alternative Names**

ENT3; HJCD; PHID; HCLAP; equilibrative nucleoside transporter 3; solute carrier family 29 (equilibrative nucleoside transporter), member 3; solute carrier family 29 (nucleoside transporters), member 3; SLC29A3; Solute carrier family 29 member 3

**Gene ID**

[55315](#)

**UniProt ID**

[Q9BZD2](#)