

[Go to Product page](#)

## Datasheet for ABIN7092828 SLC4A7 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	SLC4A7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC4A7 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human SLC4A7 protein with C-terminal 6xHis tag
Specificity:	SLC4A7 (Met1-Cys608) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	SLC4A7
Alternative Name:	SLC4A7 ( <a href="#">SLC4A7 Products</a> )
Background:	Synonyms: NBC2 Description: This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is

## Target Details

thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Apr 2012]

Molecular Weight: predicted molecular mass of 68.6 kDa after removal of the signal peptide. The apparent molecular mass of SLC4A7-His is 100-130 kDa due to glycosylation.

UniProt: [Q9Y6M7](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months