

Datasheet for ABIN7597435

**SLC44A4 Protein (AA 99-330) (Fc Tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	SLC44A4
Protein Characteristics:	AA 99-330
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC44A4 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant human SLC44A4 Protein with N-terminal human Fc tag
Sequence:	hFc(Glu99-Ala330) SLC44A4(Gly59-Gln227)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	SLC44A4
Alternative Name:	SLC44A4 ( <a href="#">SLC44A4 Products</a> )
Background:	<p>CTL4, NG22, TPPT, DFNA72, hTPPT1, C6orf29</p> <p>The protein encoded by this gene may be a sodium-dependent transmembrane transport protein involved in the uptake of choline by cholinergic neurons. Defects in this gene can cause sialidosis, a lysosomal storage disease. Three transcript variants encoding different isoforms</p>

## Target Details

have been found for this gene. [provided by RefSeq, May 2010]

Molecular Weight: predicted molecular mass of 44.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-SLC44A4 is 55-70 kDa due to glycosylation.

UniProt: [Q53GD3](#)

## Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

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