

Datasheet for ABIN7548115  
**SLC2A9 Protein (AA 1-540) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SLC2A9
Protein Characteristics:	AA 1-540
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC2A9 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SLC2A9 Protein expressed in mammalian cells.
Sequence:	<p>MARKQNRNSK ELGLVPLTDD TSHAGPPGPG RALLECDHLR SGVPGGRRRK DWSCSLLVAS LAGAFGSSFL YGYNLSVNA PTPYIKAFYN ESWERRHGRP IDPDTLTLW SVTVSIFAIG GLVGT LIVKM IGKVLGRKHT LLANNGFAIS AALLMACSLQ AGAFEMLIVG RFIMGIDGGV ALSVLPMYLS EISPKEIRGS LGQVTAIFIC IGVFTGQLLG LPELLGKEST WPYLFGVIVV PAVVQLLSLP FLPDSPRYLL LEKHNEARAV KAFQTLGKA DVSQEVVEVL AESRVQRSIR LVSVELELLRA PYVRWQVTV IVTMACYQLC GLNAIWFTN SIFGKAGIPP AKIPYVTLST GGIETLAAVF SGLVIEHLGR RPLLIGGFGL MGLFFGTLTI TLTLQDHAPW VPYLSIVGIL AIIASFCSGP GGIPFILTGE FFQSQRPAA FIIAGTVNWL SNFAVGLLFP FIQKSLDTYC FLVFATICIT GAIYLYFVLP ETKNRTYAEI SQAFSKRNKA YPPEEKIDSA VTDGKINGRP <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>

## Product Details

---

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

---

**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

---

**Grade:** custom-made

---

## Target Details

---

**Target:** SLC2A9

---

**Alternative Name:** SLC2A9 ([SLC2A9 Products](#))

---

**Background:** Solute carrier family 2, facilitated glucose transporter member 9 (Glucose transporter type 9) (GLUT-9) (Urate transporter),FUNCTION: High-capacity urate transporter, which may play a role in the urate reabsorption by proximal tubules (PubMed:18327257, PubMed:28083649, PubMed:22647630, PubMed:18701466, PubMed:36749388). May have a residual high-affinity, low-capacity glucose and fructose transporter activity (PubMed:18842065, PubMed:18327257, PubMed:18701466). Transports urate at rates 45- to 60-fold faster than glucose (PubMed:18842065). Does not transport galactose (PubMed:28083649). May mediate small uptake of adenine but not of other nucleobases (PubMed:22647630). {ECO:0000269|PubMed:18327257, ECO:0000269|PubMed:18701466, ECO:0000269|PubMed:18842065, ECO:0000269|PubMed:22647630, ECO:0000269|PubMed:28083649}.

---

## Target Details

---

Molecular Weight: 58.7 kDa

UniProt: [Q9NRM0](#)

## Application Details

---

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months