

Datasheet for ABIN7551626

## SLC35G1 Protein (AA 1-365) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC35G1
Protein Characteristics:	AA 1-365
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC35G1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat SLC35G1 Protein expressed in mammalian cells.
Sequence:	<p>MRPQDSTGVA ELQEPGLPLT DDAPPGATEE PAAAEAAGAP DRGRCWLCLS SPCCSRTEPE</p> <p>AKKKAPCPGL GLFYTLISAF LFSVGSFLVK KVQDVHAVEI SAFRCVFQML VVIPCLYRK</p> <p>TGFIGPKGQR IFLILRGVLG STAMMLIYYA YQTMSLATAT VITFSSPVFT SIFAWICLKE</p> <p>KYSPWDALFT VFTITGVILI VRPPFLFGSD TSGMEESYSG HLGKTFAAIG SAVFAASTLV</p> <p>ILRKMGSVD YFLSIWYVVV LGLVESVIL SVLGEWSLPY CGLDRLFLIF IGLFGLGGQI FITKALQIEK</p> <p>AGPVAIMKTM DVVFAFIFI IFFNNVPTWW TVGGALCVVA SNVGAAIRKW YQSSK <b>Sequence</b></p> <p><b>without tag. 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>
Characteristics:	Key Benefits:

## Product Details

- 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, Western Blot

Grade: custom-made

## Target Details

Target: SLC35G1

Alternative Name: SLC35G1 ([SLC35G1 Products](#))

Background: Solute carrier family 35 member G1 (Partner of STIM1) (Transmembrane protein 20),FUNCTION: May play a role in intracellular calcium sensing and homeostasis. May act as a negative regulator of plasma membrane calcium-transporting ATPases preventing calcium efflux from the cell. {ECO:0000269|PubMed:22084111}.

Molecular Weight: 39.8 kDa

UniProt: [Q2M3R5](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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