

Datasheet for ABIN7558551  
**SLC35D3 Protein (AA 1-422) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC35D3
Protein Characteristics:	AA 1-422
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC35D3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Slc35d3 Protein expressed in mammalien cells.
Sequence:	<p>MRQLCRGRVL GISVAIAHGV FSGSLNILLK FLISRYQFSF LTLVQCLTSS TAALSLELLR RLGLIAVPPF GLSLARSFAG VAVLSTLQSS LTLWSLRGLS LPMYVVKRC LPLVTMLIGV LVLKNGAPSP GVLA AVLITT CGAALAGAGD LTGDPIGYVT GVLAVLVHAA YLVLIQKASA DTEHGPLTAQ YVIAVSATPL LVICFASTD SIHAWTFPGW KDPAMVSIFV ACILIGCAMN FTTLHCTYIN SAVTTSFVGV VKSIATITVG MVAFSDVEPT SLFIAGVVVN TLGSIYCVA KFLETRRQSN YEDLESQAEG EERQPSGDQL PFVMEELPAK SGNSEPEAE GAGDSVQDGG QESRGSIRGI SLAARSSRAE GHSDEVGRRS LKDTYLEVWR LVRGTYMKK DYLMENEALP SP</p> <p><b>Sequence 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.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

## Target Details

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Target: SLC35D3

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Alternative Name: Slc35d3 ([SLC35D3 Products](#))

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Background: Solute carrier family 35 member D3 (Fringe connection-like protein 1),FUNCTION: Probable UDP-glucose transmembrane transporter involved in UDP-glucose transport from the cytosol to the lumen of synaptic vesicles (PubMed:34269178). It is involved in platelet dense granules maturation (PubMed:17062724, PubMed:22611153). {ECO:0000269|PubMed:17062724, ECO:0000269|PubMed:22611153, ECO:0000269|PubMed:34269178}., FUNCTION: Alternatively, could function as a molecular adapter enhancing the formation of the PI3KC3-C1/AIC/autophagy initiation complex to promote autophagy in dopaminergic neurons (PubMed:27171858). Could also regulate the plasma membrane localization of the D(1A) dopamine receptor/DRD1 and dopamine signaling (PubMed:24550737). {ECO:0000269|PubMed:24550737, ECO:0000269|PubMed:27171858}.

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Molecular Weight: 44.9 kDa

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UniProt: [Q8BGF8](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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