

Datasheet for ABIN7551642

Solute Carrier Family 35 Member B3 (SLC35B3) (AA 1-401) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Solute Carrier Family 35 Member B3 (SLC35B3)
Protein Characteristics:	AA 1-401
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant SLC35B3 Protein expressed in mammalian cells.
Sequence:	<p>MDLTQQAQDI QNITVQETNK NNSIESIECSK ITMDLKFNNNS RKYISITVPS KTQTMSPHIK SVDDVVVLGM NLSKFNKLTQ FFICVAGVFV FYLIYGYLQE LIFSVEGFKS CGWYLTLVQF AFYSIFGLIE LQLIQDKRRR IPGKTYMIIA FLTVGTMGLS NTSLGYLNYP TQVIFKCCKL IPVMLGGVFI QGKRYNVADV SAAICMSLGL IWFTLADSTT APNFNLTVGV LISLALCADA VIGNVQEKAM KLHNASNSEM VLYSYSIGFV YILLGLTCTS GLGPAVTFCA KNPVRTYGYA FLFSLTGYFG ISFVLALIKI FGALIAVTVT TGRKAMTIVL SFIFFAKPFT FQYVWSGLLV VLGIFLNVYS KNMDKIRLPS LYDLINKSVE ARKSRTLAQT V 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. In case you have a special request, please contact us.</p>
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.

Product Details

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:

Solute Carrier Family 35 Member B3 (SLC35B3)

Alternative Name:

SLC35B3 ([SLC35B3 Products](#))

Background:

Adenosine 3'-phospho 5'-phosphosulfate transporter 2 (3'-phosphoadenosine 5'-phosphosulfate transporter) (PAPS transporter 2) (Solute carrier family 35 member B3),FUNCTION: Probably functions as a 3'-phosphoadenylyl sulfate:adenosine 3',5'-bisphosphate antiporter at the Golgi membranes. Mediates the transport from the cytosol into the lumen of the Golgi of 3'-phosphoadenylyl sulfate/adenosine 3'-phospho 5'-phosphosulfate (PAPS), a universal sulfuryl donor for sulfation events that take place in that compartment. {ECO:0000269|PubMed:16492677}.

Molecular Weight:

44.6 kDa

UniProt:

[Q9H1N7](#)

Pathways:

[Glycosaminoglycan Metabolic Process](#), [Ribonucleoside Biosynthetic Process](#)

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
