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Datasheet for ABIN7557198

**SLC2A13 Protein (AA 1-637) (His tag)**

## Overview

Quantity:	1 mg
Target:	SLC2A13
Protein Characteristics:	AA 1-637
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC2A13 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Slc2a13 Protein expressed in mammalian cells.
Sequence:	MSRKASEDVE YTLRSLSSLM GERRRRQPEP GAPGGERSLL AAESAASLQG AELERAARRQ FQRDETPAFV YAAAAFSALG GFLFGYDTGV VSGAMLLLR QMRLGAMWQE LLVSGAVGAA AVAALAGGAL NGALGRRSAI LLASALCTVG SAVLAAAANK ETLLAGRLVV GLGIGIASMT VPVYIAEVSP PNLRGRLVTI NTLFITGGQF FASVVDGAFS YLQKDGWRYM LGLAAIPAVI QFLGFLFLPE SPRWLIQKGQ TQKARRILSQ MRGNQTIDEE YDSIRNSIEE EEKEATAAGP IICRMLSYP TRRALVVGCG LQMFQQLSGI NTIMYYSATI LQMSGVEDDR LAIWLASITA FTNFIFTLVG VWLVEKVGRR KLTFGSLAGT TVALIILALG FLLSAQVSPR VTFRPTTPSD QNTTCTGYSY CNECMLDPDC GFCYKINGS AVIDSSCPVN KASTTEAAWG RCDNETKFKA EGAHWAYSFC PTPYSWTALV GLVLYLVFFA PGMGPMPWTV NSEIYPLWAR STGNACSAGI NWIFNVLVSL TFLHTAEYLT YGAFFLYAG FAVGLLFVY GCLPETKGKK LEEIESLFDH RLCSCGAADS DEGRYIEYIR VKGSNYHLS DNDASDVE <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b>

## Product Details

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**of the protein could make another tag necessary. In case you have a special request, please contact us.**

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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.

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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.

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

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Grade: custom-made

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## Target Details

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Target: SLC2A13

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Alternative Name: Slc2a13 ([SLC2A13 Products](#))

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Background: Proton myo-inositol cotransporter (H(+)-myo-inositol cotransporter) (Hmit) (H(+)-myo-inositol symporter) (Solute carrier family 2 member 13),FUNCTION: H(+)-myo-inositol cotransporter. Can also transport related stereoisomers. {ECO:0000250|UniProtKB:Q96QE2}.

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Molecular Weight: 69.1 kDa

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UniProt: [Q3UHK1](#)

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## Application Details

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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.

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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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