

Datasheet for ABIN7562380
SLC1A4 Protein (AA 1-532) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC1A4
Protein Characteristics:	AA 1-532
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC1A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc1a4 Protein expressed in mammalian cells.
Sequence:	<p>MEKSGETNGY LDGTQAEPAA GPRTPETAMG KSQRCASFFR RHALVLLTVS GVLVGAGMGA ALRGLQLTRT QITYLAFPG E MLLRMLRMII LPLVVCSLVS GAASLDASSL GRLGGIAVAY FGLTTLSASA LAVALAFI K PGAGAQLQS SSLGLENSGP PPVSKETVDS FLDLLRNLF P SNLVVAAFTT SATDYTVVTH NTSSGNVTKE KIPVVTDVEG MNILGLVLFA LVLGVALKKL GPEGEDLIRF FNSFNEATMV LVSWIMWYVP IGIMFLIGSK IVMKDIVML VTSLGKYIFA SMLGHVIHGG IVLPLVYFAF TRKNPFTFLL GLLTPFATAF ATCSSSATLP SMMKCI EENN GVDKRISRFI LPIGATVNMD GAAIFQCVAA VFIAQLNNVD LNAGQIFTIL VTATASSVGA AGVPAGGVLT IAILEAIGL PTHDLSLILA VDWIVDRTTT VVNVEGDALG AGILNHLN QK VVKKG EQELQ EVKVEAIPNS KSEEETSPLV THQNPAGPVA IAPELESKES VL 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>

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: SLC1A4

Alternative Name: Slc1a4 ([SLC1A4 Products](#))

Background: Neutral amino acid transporter A (Alanine/serine/cysteine/threonine transporter 1) (ASCT-1) (Solute carrier family 1 member 4),FUNCTION: Sodium-dependent neutral amino-acid transporter that mediates transport of alanine, serine, cysteine, proline, hydroxyproline and threonine. {ECO:0000250|UniProtKB:P43007}.

Molecular Weight: 56.1 kDa

UniProt: [O35874](#)

Pathways: [Dicarboxylic Acid Transport](#)

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
