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## Datasheet for ABIN7550396 **OTOP3 Protein (AA 1-596) (His tag)**

### Overview

Quantity:	1 mg
Target:	OTOP3
Protein Characteristics:	AA 1-596
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OTOP3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant OTOP3 Protein expressed in mammalian cells.
Sequence:	<p>MGRGAAAAA QSRWGRASRA SVSPGRTIRS APAVGAEQET EAAPEKENRV DVGAEERAAA TRPRQKSWLV RHFSLLLRD RQAQKAGQLF SGLLALNVVF LGGAFICSMI FNKVAVTLGD VWILLATLKV LSLLWLLYYV ASTTRRPHAV LYQDPHAGPL WVRGSLVLFV SCTFCLNIFR VGYDVSHIRC KSQLDLVFSV IEMVFIGVQT VWLWKHCKDC VRVQTNFTRC GLMLTLATNL LLWVLAVTND SMHREIEAEL GILMEKSTGN ETNTCLCLNA TACEAFRRGF LMLYPFSTEY CLICCAVLV MWKNVGRHVA PHMGAHPATA PFHLHGAIFG PLLGLLVLLA GVCVFVLFQI EASGPAIACQ YFTLYYAFYV AVLPTMSLAC LAGTAIHGLE ERELDTVKNP TRSLDVLLM GAALQMGIA YFSIVAIVAK RPELLNRLI LAYSLLLILQ HIAQNLFIE GLHRRPLWET VPEGLAGKQE AEPRRGSL ELGQGLQRAS LAYIHSYSHL NWKRRALKEI SLFLILCNIT LWMMPAFGIH PEFENGLEKD FYGYQIWFAI VNFGLPLGVF YRMHSVGGLV EYVYLG <b>Sequence</b> <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b> <b>system, a different complexity of the protein could make another tag necessary. In case you</b></p>

## Product Details

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**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:** OTOP3

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**Alternative Name:** OTOP3 ([OTOP3 Products](#))

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**Background:** Proton channel OTOP3 (Otopetrin-3),FUNCTION: Proton-selective channel gated by extracellular protons. {ECO:0000250|UniProtKB:Q80UF9}.

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**Molecular Weight:** 66.3 kDa

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**UniProt:** [Q7RTS5](#)

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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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## Application Details

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Restrictions: For Research Use only

## Handling

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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