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Datasheet for ABIN7561601

ASCL3 Protein (AA 1-174) (His tag)

Overview

Quantity:	1 mg
Target:	ASCL3
Protein Characteristics:	AA 1-174
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASCL3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ascl3 Protein expressed in mammalien cells.
Sequence:	MDTRSYPSPD DRLSVFAESA HLPLSRPFYL DPMVTVHLCP ETPVPASYTD ELPLLPFSSD TLIMNNYGDP YPFPPMPYT NYRRCDYTYG PAFIRKRNER ERQVRKCVNE GYARLRRHLP EDYLEKRLSK VETLRAAIKY ISYLQSLLYP DESETKKNPR TASCGSLDPA LRVI 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: ASCL3

Alternative Name: Ascl3 ([ASCL3 Products](#))

Background: Achaete-scute homolog 3 (ASH-3) (mASH-3) (mASH3) (bHLH transcriptional regulator Sgn-1),FUNCTION: Transcriptional repressor (PubMed:11784080). Inhibits myogenesis (PubMed:11784080). Plays a role in progenitor cells which differentiate into ductal and acinar, but not myoepithelial, cell lineages in the salivary glands (PubMed:18572159, PubMed:21377457). Involved in the functions of the microvillar cells and Bowman's glands and probably, in a non-cell-autonomous manner, in the development or regeneration of a complete olfactory epithelium (OE) (PubMed:27910949). {ECO:0000269|PubMed:11784080, ECO:0000269|PubMed:18572159, ECO:0000269|PubMed:21377457, ECO:0000269|PubMed:27910949}.

Molecular Weight: 20.2 kDa

UniProt: [Q9JJR7](#)

Application Details

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.

Application Details

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