

Datasheet for ABIN7550928
POU4F3 Protein (AA 1-338) (His tag)



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Overview

Quantity:	1 mg
Target:	POU4F3
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU4F3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POU4F3 Protein expressed in mammalian cells.
Sequence:	MMAMNSKQPF GMHPVLQEPK FSSLHSGSEA MRRVCLPAPQ LQGNIFGSFD ESSLARAEAL AAVDIVSHGK NHPFKPDATY HTMSSVPCTS TSSTVPISHP AALTSHPHHA VHQGLEGDLL EHISPTLSVS GLGAPEHSVM PAQIHPHHLG AMGHLHQAMG MSHPHTVAPH SAMPACLSDV ESDPRELEAF AERFKQRRIK LGVTQADVGA ALANLKIPGV GSLSQSTICR FESLTLSHNN MIALKPVLQA WLEEAEEAYR EKNSKPELFN GSERKRRKTS IAAPEKRSLE AYFAIQPRPS SEKIAAIAEK LDLKKNVVRV WFCNQRQKQK RMKYSAVH 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.
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:

Product Details

- 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:	POU4F3
Alternative Name:	POU4F3 (POU4F3 Products)
Background:	POU domain, class 4, transcription factor 3 (Brain-specific homeobox/POU domain protein 3C) (Brain-3C) (Brn-3C),FUNCTION: Acts as a transcriptional activator (PubMed:18228599). Acts by binding to sequences related to the consensus octamer motif 5'-ATGCAAAT-3' in the regulatory regions of its target genes (PubMed:18228599). Involved in the auditory system development, required for terminal differentiation of hair cells in the inner ear (By similarity). {ECO:0000250 UniProtKB:Q63955, ECO:0000269 PubMed:18228599}.
Molecular Weight:	37.1 kDa
UniProt:	Q15319
Pathways:	Sensory Perception of Sound

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.
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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