

Datasheet for ABIN7549731

NEUROD4 Protein (AA 1-331) (His tag)



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Overview

Quantity:	1 mg
Target:	NEUROD4
Protein Characteristics:	AA 1-331
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEUROD4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NEUROD4 Protein expressed in mammalian cells.
Sequence:	<p>MSKTFVKSKE MGELVNTPSW MDKGLGSQNE VKEEESRPGT YGMLSSLTEE HDSIEEEEE</p> <p>EEDGEKPKRR GPKKKKMTKA RLERFRARRV KANARERTRM HGLNDALDNL RRVMPCYSKT</p> <p>QKLSKIETLR LARNYIWALS EVLETGQTPE GKGFEVEMLC GLSQPTSNLV AGCLQLGPQS</p> <p>VLLEKHEDKS PICDSAISVH NFNYQSPGLP SPPYGHMETH LLHLKPQVFK SLGESSFGSH</p> <p>LPDCSTPPYE GPLTPPLSIS GNFSCLKDGS PDLEKSYSFM PHYPPSSSLSS GHVHSTPFQA</p> <p>GTPRYDVPID MSYDSYPHHG IGTQLNTVFT E Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	NEUROD4
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Alternative Name:	NEUROD4 (NEUROD4 Products)
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Background:	Neurogenic differentiation factor 4 (NeuroD4) (Class A basic helix-loop-helix protein 4) (bHLHa4) (Protein atonal homolog 3) (ATH-3) (Atoh3),FUNCTION: Probably acts as a transcriptional activator. Mediates neuronal differentiation. Required for the regulation of amacrine cell fate specification in the retina (By similarity). {ECO:0000250}.
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Molecular Weight:	37.0 kDa
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UniProt:	Q9HD90
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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.
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Restrictions:	For Research Use only
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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