

Datasheet for ABIN7561779
IRX4 Protein (AA 1-515) (His tag)



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Overview

Quantity:	1 mg
Target:	IRX4
Protein Characteristics:	AA 1-515
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Irx4 Protein expressed in mammalian cells.
Sequence:	<p>MSYPQFGYPY SSAPQFLMTT NSLSTCCESG GRTLADSGPA ASAQAPVYCP VYESRLLATA RHELNSAAAL GVYGYSPYGSS QGYGNYVTYG SEASAFYSLN SFESKDGTS SHAGLPPTAA AAYYPYEPAL SQYPYDRYGT VDSGTRRKNA TRETSTLKA WLQHRKNPY PTKGEKIMLA IITKMTLTQV STWFANARRR LKKENKMTWP PRNKCADEKR PYGEGEEEEEA GEEESREEPL KSAKSEGHAG KDDKELELSD LEDFDPLDAE TSECELKTPF QSLDSGPERI PASSDGPSTG KEASTTLRMP LGTAGGAVMD GDLERARNCL RSTVVVPSG AEGGPPACEA KLTFAGAGAP PNLETKPRIW SLAHTATAAA ATALSQTEFP SCMLKRQGPT GVSATTPASS PAVTAPSGAL DRHQDSPVTS LRNWVDGVFH DPILRHSTLN QAWATAKGAL LDPGPLGRNL GAGTNVLTTP LACSFPTVP QDVPPAGASR ELLATPKAGG KPFCT 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: IRX4

Alternative Name: Irx4 ([IRX4 Products](#))

Background: Iroquois-class homeodomain protein IRX-4 (Homeodomain protein IRXA3) (Iroquois homeobox protein 4),**FUNCTION:** Likely to be an important mediator of ventricular differentiation during cardiac development.

Molecular Weight: 54.7 kDa

UniProt: [Q9QY61](#)

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