

Datasheet for ABIN7561423
IRX6 Protein (AA 1-438) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IRX6
Protein Characteristics:	AA 1-438
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Irx6 Protein expressed in mammalian cells.
Sequence:	MAFSPFGHPY GSTSQFLVSA SSSATCCETA PRPVDVASA STSASTLCCT PYDSRLLGSA RPELGAALGI YGAPYAAAQS YPGYLYTGPE PPTLCGALNP QYEFKDAAGS FAPSLTQPGA YYPYETTLGQ YQYDRYGGVE LSSAGRKNA TRESTSALKA WLHEHRKNPY PTKGEKIMLA IITKMTLTQV STWFANARRR LKKENKMTWA PKNKGGEERK AD SGEDSLGC LNGDTKDATA SQEARGRLRS DLEDLEEEEE EEEAEAAA V SAARRLADFQ KSTQPLPAPC AAAQERCLES RECGLGLPRF SFTEAPQSGE ADFITAEPGG PTMILHYPSG HKPRIWSLAH TAAASAVESA PSTPPRAQSP ECHMIPRQPS SIRLLVPRD SEGEEDSPAA KAFGNSTFTL QGLPLNCAPY PRRREPEVRF QYPSGAEG 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:

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
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	IRX6
---------	------

Alternative Name:	Irx6 (IRX6 Products)
-------------------	--

Background:	Iroquois-class homeodomain protein IRX-6 (Homeodomain protein IRXB3) (Iroquois homeobox protein 6),FUNCTION: Transcription factor (PubMed:23172916). Binds to the iroquois binding site (IBS) motif of target genes to regulate gene expression, functions as a transcriptional activator or repressor (PubMed:23172916). Modulates expression of RCVRN, VSX1, BHLHE22/BHLHB5 and TACR3/Nk3r (PubMed:23172916). Required downstream of retinal bipolar cell specification for the terminal differentiation of type 2, type 3a and possibly type 6 bipolar cells (PubMed:23172916). {ECO:0000269 PubMed:23172916}.
-------------	---

Molecular Weight:	47.4 kDa
-------------------	----------

UniProt:	Q9ER75
----------	------------------------

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
--------------------	--

Application Details

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