

Datasheet for ABIN7556224
LHX6 Protein (AA 1-363) (His tag)



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Overview

Quantity:	1 mg
Target:	LHX6
Protein Characteristics:	AA 1-363
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHX6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lhx6 Protein expressed in mammalian cells.
Sequence:	MAQPGSGCKA TTRCLEGTAP PAMAQSDAEA LAGALDKDEG RASPCTPSTP SVCSPPSAAS SVPSAGKNIC SSCGLEILDR YLLKVNNLIW HVRCLECSVC RTSLRQQNSC YIKNKEIYCK MDYFSRFGTK CARCGRQIYA SDWVRRARGN AYHLACFACF SCKRQLSTGE EFGLVEEKVL CRIHYDTMIE NLKRAAENG N GLTLEGAVPS EQDSQPKPAK RARTSFTAEQ LQVMQAQFAQ DNNPDAQTLQ KLADMTGLSR RVIQVWFQNC RARHKKHTPQ HPVPPSGAPP TRLPSALSDD IHYSPPSSPE RARMVTLHGY IESQVQCGQV HCRLPYTAPP VHLKADLDGP LSSRGEKVIL FQY 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:	LHX6
Alternative Name:	Lhx6 (LHX6 Products)
Background:	LIM/homeobox protein Lhx6 (LIM homeobox protein 6) (LIM/homeobox protein Lhx6.1),FUNCTION: Probable transcription factor required for the expression of a subset of genes involved in interneurons migration and development. Functions in the specification of cortical interneuron subtypes and in the migration of GABAergic interneuron precursors from the subpallium to the cerebral cortex. {ECO:0000269 PubMed:10393337, ECO:0000269 PubMed:15201337, ECO:0000269 PubMed:17376969, ECO:0000269 PubMed:18339674, ECO:0000269 PubMed:18613121}.
Molecular Weight:	40.0 kDa
UniProt:	Q9R1R0

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