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Datasheet for ABIN7563216
DLX2 Protein (AA 1-332) (His tag)

Overview

Quantity:	1 mg
Target:	DLX2
Protein Characteristics:	AA 1-332
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLX2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dlx2 Protein expressed in mammalian cells.
Sequence:	MTGVFDSLVA DMHSTQITAS STYHQHQPP SGAGAGPGGN SNSSSSNSSL HKPQESPTLP VSTATDSSYY TNQHPAGGG GGGASPYAHM GSYQYHASGL NNVSYSAKSS YDLGYTAAYT SYAPYGTSSS PVNNEPKED LEPEIRIVNG KPKKVRKPRT IYSSFQLAAL QRRFQKTQYL ALPERAELAA SLGLTQTQVK IWFQNRRSKF KKMWKSGEIP TEQHPGASAS PPCASPPVSA PASWDFGAPQ RMAGGGPGSG GGGAGSSGSS PSSAASAFLG NYPWYHQASG SASHLQATAP LLHPSQTPQA HHHHHHHHHA GGGAPVSAGT IF 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:	DLX2
Alternative Name:	Dlx2 (DLX2 Products)
Background:	Homeobox protein DLX-2 (Homeobox protein TES-1),FUNCTION: Acts as a transcriptional activator (PubMed:21875655). Activates transcription of CGA/alpha-GSU, via binding to the downstream activin regulatory element (DARE) in the gene promoter (PubMed:23371388). Plays a role in terminal differentiation of interneurons, such as amacrine and bipolar cells in the developing retina (PubMed:21875655). Likely to play a regulatory role in the development of the ventral forebrain (PubMed:1678612). May play a role in craniofacial patterning and morphogenesis (PubMed:1678612). {ECO:0000269 PubMed:1678612, ECO:0000269 PubMed:21875655, ECO:0000269 PubMed:23371388}.
Molecular Weight:	34.7 kDa
UniProt:	P40764

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
