

Datasheet for ABIN7563113
GSX2 Protein (AA 1-305) (His tag)



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Overview

Quantity:	1 mg
Target:	GSX2
Protein Characteristics:	AA 1-305
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSX2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gsx2 Protein expressed in mammalien cells.
Sequence:	MSRSFYVDSL IIKDSSRPAP SLPESHPPGD FFIPLGMPSP LVMSVSGPGC PSRKSGAFCV CPLCVTSHLH SSRPPAGAGG GATGTAGAAV AGGGVAGGTG ALPLLKSQFS PAPGDAQFCP RVSHAHHHHH PPQHSHHHHHQ PQQPGSAAAA AAAAAAAAAA AAALGHPQHH APVCAATTYN MSDPRRFHCL SMGGSDTSQV PNGKRMRTAF TSTQLLELER EFSSNMYLSR LRRIEIATYL NLSEKQVKIW FQNRRVKHKK EGKGASRNNH TSCKCVGSQA HYARSEDEDS LSPASANEDK EISPL 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: Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	GSX2
Alternative Name:	Gsx2 (GSX2 Products)
Background:	GS homeobox 2 (Genetic-screened homeobox 2) (Homeobox protein GSH-2),FUNCTION: Transcription factor that binds 5'-CNAATTAG-3' DNA sequence and regulates the expression of numerous genes including genes important for brain development (PubMed:7619729). During telencephalic development, causes ventralization of pallial progenitors and, depending on the developmental stage, specifies different neuronal fates. At early stages, necessary and sufficient to correctly specify the ventral lateral ganglionic eminence (LGE) and its major derivatives, the striatal projection neurons. At later stages, may specify LGE progenitors toward dorsal LGE fates, including olfactory bulb interneurons (PubMed:19709628). {ECO:0000269 PubMed:19709628, ECO:0000269 PubMed:7619729}.
Molecular Weight:	32.2 kDa
UniProt:	P31316

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. 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