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Datasheet for ABIN7546299

SOX8 Protein (AA 1-446) (His tag)

Overview

Quantity:	1 mg
Target:	SOX8
Protein Characteristics:	AA 1-446
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SOX8 Protein expressed in mammalien cells.
Sequence:	MLDMSEARSQ PPCSPSGTAS SSMHVEDSDS DAPPSPAGSE GLGRAGVAVG GARGDPAEAA DERFPACIRD AVSQVLKGYD WSLVPMPVVRG GGGGALKAKP HVKRPMNAMF VWAQAARRKL ADQYPHLHNA ELSKTLGKLW RLLSESEKRP FVEEAERLRV QHKKDHPDYK YQPRRRKSAK AGHSDSDSGA ELGPHPGGGA VYKAEAGLGD GHHHGDHTGQ THGPPTPPTT PKTELQQAGA KPELKLEGRR PVDSEGRQID FSNVDISELS SEVMGTMDAF DVHEFDQYLP LGGPAPPEPG QAYGGAYFHA GASPVWAHKS APSASASPT TGP RPPIHK EQPSPGHYGD QPRGSPDYGS CSGQSSATPA APAGPFAGSQ GDYGDLQASS YYGAYPGYAP GLYQYPCFHS PRRPYASPLL NGLALPPAHS PTSHWDQPVY TTLTRP 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
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Grade:	custom-made
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Target Details

Target:	SOX8
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Alternative Name:	SOX8 (SOX8 Products)
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Background:	Transcription factor SOX-8,FUNCTION: Transcription factor that may play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3' (By similarity). {ECO:0000250 UniProtKB:Q04886}.
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Molecular Weight:	47.3 kDa
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UniProt:	P57073
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Pathways:	Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development
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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 guarantee though.
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Restrictions:	For Research Use only
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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