Datasheet for ABIN2732470

SOX7 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	SOX7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX7 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human SOX7 (full length, N-term HIS tag) protein expressed in E. coli. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	SOX7
Alternative Name:	Sox7 (SOX7 Products)
Background:	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may play a role in tumorigenesis. A similar protein in mice is involved in the regulation of the wingless-type MMTV integration site family (Wnt) pathway.

Target Details

Molecular Weight:	42 kDa
NCBI Accession:	NP_113627
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

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Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl. Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images
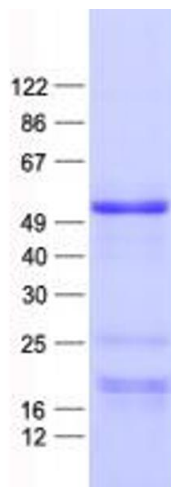
Western Blotting

Image 1. Validation with Western Blot