

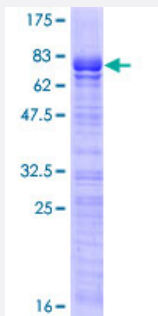
Full-Length

SOX7 (Human) Recombinant Protein (P01)

Catalog # H00083595-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SOX7 full-length ORF (NP_113627.1, 1 a.a. - 388 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASLLGAYPWPEGLECPALDAELSDGQSPPAVPRPPGDKGSESRIIRPMNAFMVWAKDERKR
LAVQNPDHLHNAELSKMLGKSWKALTLSQKRPHYDEAERLRLQHMQDYPNYKYRPRRKKQAKRL
CKRVDPGFLLSSLSRDQNALPEKRSGSRGALGEKEDRGEYSPGTALPSLRGCYHEGPAGGGGG
GTPSSVDTPYGLPTPEMSPLDVLEPEQTFSSPCQEEHGHPRRIPHLPGHPYSPEYAPSPLHC
SHPLGSLALGQSPGVSMSPVPGCPPSPAYSPATYHPLHSNLQAHLGQLSPPPEHPGFDALD
QLSQVELLGDMRNEFDQYLNTPGHPDSATGAMALSGHVPVSQVTPGTGTETSLISVLADATATY
YNSYSVS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.6

Interspecies Antigen Sequence

Mouse (87); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SOX7

Entrez GeneID	83595
GeneBank Accession#	NM_031439.2
Protein Accession#	NP_113627.1
Gene Name	SOX7
Gene Alias	MGC10895
Gene Description	SRY (sex determining region Y)-box 7
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000115701 SOX7 transcription factor SRY-box 7