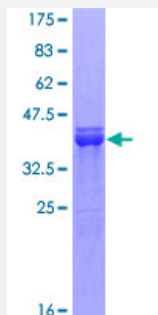


SOX9 (Human) Recombinant Protein (Q01)

Catalog # H00006662-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SOX9 partial ORF (NP_000337, 400 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EQLSPSHYSEQQQHSPQQIAYSPFNLPHYSPSYPPITRSQYDYTDHQNSSSYSHAAGQGTGLYST FTYMNPAQRPMYTPADTSGVPSIPQTHSPQHWEQPVYQLTRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — SOX9

Entrez GeneID [6662](#)

GeneBank Accession# [NM_000346](#)

Protein Accession# [NP_000337](#)

Gene Name SOX9

Gene Alias CMD1, CMPD1, SRA1

Gene Description SRY (sex determining region Y)-box 9

Omim ID [114290 608160](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq]

Other Designations SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal)|SRY (sex-determining region Y)-box 9 protein|campomelic dysplasia, autosomal sex-reversal

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)

- [Hypospadias](#)
- [Ovarian Neoplasms](#)
- [Sex determination](#)