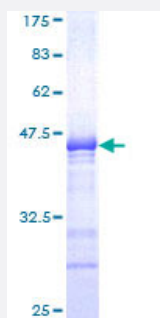


SOX6 (Human) Recombinant Protein (Q01)

Catalog # H00055553-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SOX6 partial ORF (NP_201583, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSKQATSPFACAADGEDAMTQDLTSREKEEGSDQHVASHLPLHPIMHNKPHSEELPTLVSTIQ QDADWDSVLSSQQRMESENNKLCSLYSFRNTSTSPHKPDEGSRDR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (96); Rat (94)
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 — SOX6

Entrez GeneID [55553](#)

GeneBank Accession# [NM_033326](#)

Protein Accession# [NP_201583](#)

Gene Name SOX6

Gene Alias HSSOX6

Gene Description SRY (sex determining region Y)-box 6

Omim ID [607257](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants

Other Designations SRY-box containing gene 6|Sox-6

Disease

- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)

- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Plaque](#)
- [Tobacco Use Disorder](#)