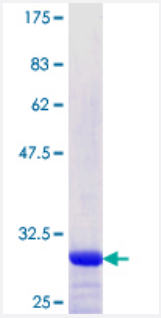
SOX5 (Human) Recombinant Protein (Q01)

Catalog # H00006660-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SOX5 partial ORF (NP_008871.3, 181 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GSGNFGEIKGTPESLAEKERQLMGMINQLTSLREQLLAAHDEQKKLAASQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.24
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — SOX5

Entrez GeneID	6660
GeneBank Accession#	NM_006940
Protein Accession#	NP_008871.3
Gene Name	SOX5
Gene Alias	L-SOX5, MGC35153
Gene Description	SRY (sex determining region Y)-box 5
Omim ID	604975
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 encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	-

Disease

- Acquired Immunodeficiency Syndrome
- Atrial Fibrillation

- Cleft Lip
- Cleft Palate
- Disease Progression
- Genetic Predisposition to Disease
- HIV Seropositivity
- Tobacco Use Disorder