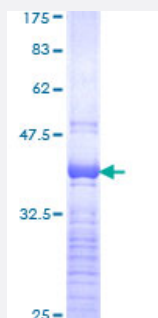


SOX4 (Human) Recombinant Protein (Q01)

Catalog # H00006659-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SOX4 partial ORF (NP_003098, 45 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KADDPSWCKTPSGHIKRPMAFMVWSQIERRKIMEQSPDMHNAEISKRLGKRWKLLKDSDKIPFI REAERLRLKHMADYPDYKYRPRKKVKS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.86
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — SOX4

Entrez GeneID [6659](#)

GeneBank Accession# [NM_003107](#)

Protein Accession# [NP_003098](#)

Gene Name SOX4

Gene Alias EVI16

Gene Description SRY (sex determining region Y)-box 4

Omim ID [184430](#)

Gene Ontology [Hyperlink](#)

Gene Summary This intronless 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, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein. [provided by RefSeq]

Other Designations OTTHUMP00000039358|SRY-related HMG-box gene 4|ecotropic viral integration site 16