

SOX18 (Human) Recombinant Protein (Q01)

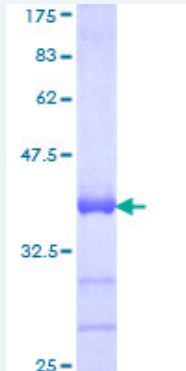
Catalog # : H00054345-Q01

規格 : [10 ug] [25 ug]

List All

Specification

Product Description:	Human SOX18 partial ORF (NP_060889, 63 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence:	EPGRYGLSPAGRGERQAADESRIIRPMNAFMWAKDERKRLAQQNPD LHNAVLKMLGKAWKELNAAEKRPFVEEAERLRVQHLRDHP
Host:	Wheat Germ (in vitro)
Theoretical MW (kDa):	35.42
Preparation Method:	<i>in vitro</i> 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.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

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Gene Information

Entrez GeneID: [54345](#)

GeneBank Accession#: [NM_018419](#)

Protein Accession#: [NP_060889](#)

Gene Name: SOX18

Gene Alias: HLTS

Gene Description: SRY (sex determining region Y)-box 18

Omim ID: [601618](#), [607823](#)

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. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia. [provided by RefSeq]

Other Designations: OTTHUMP00000031624,SRY-box 18,Transcription factor SOX-18

Related Disease

[Breast cancer](#) [Lymphangiectasis](#) [Lymphedema](#)

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