

Recombinant Human SOX10 Protein, GST-tagged

Cat. No. SOX10-517H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human SOX10 full-length ORF (NP_008872.1, 1 a.a. - 466 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer
Molecular Mass	76.3 kDa
AA Sequence	MAEEQDLSEVELSPVGSEEPRLCLSPGSAPSLGPDGGGGGSGLRASPGPGELGKVK KEQQDGEADDDKFPVCIREAVSQVLSGYDWTLPMPVRVNGASKSKPHVKRPMNA FMVWAQAARRKLDQYPHLHNAELSKTLGKLWRLLNESDKRPFIEEAERLRMQHKK DHPDYKYQPRRRKNGKAAQGEAECPGGEAEQGGTAAIQAHYKSAHLDRHPGEG SPMSDGNPEHPSGQSHGPPTPTTPKTELQSGKADPKRDGRSMGEGGKPHIDFG NVDIGEISHEVMSNMETFDVAELDQYLPPNGHPGHVSSYSAAGYGLGSALAVASGH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SAWISKPPGVALPTVSPPGVDAKAQVKTETAGPQGPPHYTDQPSTSQIAYTSLSLPH
YGSAFPISISRPQFDYSDHQPSGPYYGHSGQASGLYSAFSYMGPSQRPLYTAISDPS
PSGPQSHSPHWEQPVYTTLSRP

Storage Store at -80 centigrade

GENE INFORMATION

Gene Name SOX10 SRY-box 10 [Homo sapiens (human)]

Official Symbol SOX10

Synonyms DOM,MGC15649,WS2E,WS4

Gene ID 6663

mRNA Refseq NM_006941.3

Protein Refseq NP_008872.1

MIM 277580

UniProt ID P56693

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA