

Recombinant Full Length Human SOX10 Protein, GST-tagged

Cat. No. SOX10-1001HF **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	In Vitro Cell Free System
ProteinLength	466 amino acids
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	MAEEQDLSEV ELSPVGSEEP RCLSPGSAPS LGPDGGGGGS GLRASPGPGE LGKVKKEQQD GEADDDKFPV CIREAVSQVL SGYDWTLVPM PVRVNGASKS KPHVKRPMNA FMVWAQAARR KLADQYPHLH NAELSKTLGK LWRLLNESDK RPFIEEAERL RMQHKKDHPD YKYQPRRRKN GKAAQGEAEC PGGEAEQGGT

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AAIQAHYKSA HLDHRHPGEG SPMSDGNPEH PSGQSHGPPT PPTTPKTELQ
SGKADPKRDG RSMGEGGKPH IDFGNVDIGE ISHEVMSNME TFDVAELDQY
LPPNGHPGHV SSYSAAGYGL GSALAVASGH SAWISKPPGV ALPTVSPPGV
DAKAQVKTET AGPQGPPHYT DQPSTSQIAY TSLSLPHYGS AFPSISRPQF
DYSDHQPSGP YYGHSGQASG LYSAFSYMGP SQRPLYTAIS DPSPSGPQSH
SPTHWEQPVY TTLSRP

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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