

Recombinant Full Length Human SOX9 protein(1-509aa), His-tagged

Cat. No. SOX9-5432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX9 protein(P48436)(1-509aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	1-509 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.6 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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

AA Sequence

MNLLDPFMKMTDEQEKGSLGAPSPMTSEDSAGSPCPSGSGSDTENTRPQENTFPK
 GEPDLKKESEEDKFPVCIREAVSQVLKGYDWTLVPMPVRVNGSSKNKPHVKRPMN
 AFMVWAQAARRKLADQYPHLHNAELSKTLGKLWRLNESEKRPFVEEAERLRVQH
 KKDHPDYKYQPRRRKSVKNGQAEAEATEQTHISPNAIFKALQADSPHSSSGMSEV
 HSPGEHSGQSQGPPTPPTTPKTDVQPGKADLKREGRPLPEGGRQPPIDFRDVDIGE
 LSSDVISNIETFDVNEFDQYLPPNGHPGVPATHGQVITYTGSYGISSTAATPASAGHV
 WMSKQQAPPPPPQPPQAPPAPQAPPQQAAPPQQPAAPPQQPQAHTLTLSSE
 PGQSQRTHIKTEQLSPSHYSEQQHQSPQQIAYSPFNLPHYSYPPITRSQYDYTDH
 QNSSYYSHAAGQGTGLYSTFTYMNPAQRPMYTPADTSGVPSIPQTHSPQHWEQ
 PVYTQLTRP

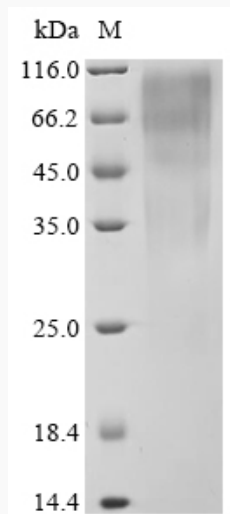
GENE INFORMATION

Gene Name	SOX9 SRY (sex determining region Y)-box 9 [Homo sapiens]
Official Symbol	SOX9
Synonyms	SOX9; SRY (sex determining region Y)-box 9; campomelic dysplasia, autosomal sex reversal , CMD1, CMPD1; transcription factor SOX-9; SRA1; SRY-related HMG-box, gene 9; SRY (sex-determining region Y)-box 9 protein; CMD1; CMPD1;
Gene ID	6662
mRNA Refseq	NM_000346
Protein Refseq	NP_000337
MIM	608160
UniProt ID	P48436

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SDS-PAGE

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