

Recombinant Human SOX6 protein, His-tagged

Cat. No. SOX6-3555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX6 protein(272-828 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	272-828 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	FPHDQRTLAAAAAAQQGFLFPPGITYKPGDNYPVQFIPSTMAAAAASGLSPLQLQKG HVSHPQINQRLKGLSDRFRNLDTFEHGGGHSYNHKQIEQLYAAQLASMQVSPGA KMPSTPQPPNTAGTVSPTGIKNEKRGTSPTQVKDEAAAQPLNLSSRPKTAEPVKS PTSPTQNLFPASKTSPVNLPNKSSIPSPIGGSLGRGSSLDILSSLNSPALFGDQDTV KAIQEARKMREQIQREQQQQQPHGVDGKLSSINNMGLNSCRNEKERTRFENLGPQ LTGKSNEDGKLGPGVIDLTRPEDAEGSKAMNGSAAKLQYYCWPTGGATVAEARV YRDARGRASSEPHIKRPMNAFMVWAKDERRKILQAFPMHNSNISKILGSRWKSMS NQEKQPYEEQARLSKIHLEKYPNYKYKPRPKRTCIVDGKKLRIGEYKQLMRSRRQE MRQFFTVGQQPQIPITTGTGVVYPGAITMATTTPSPQMTSDCSSTSASPEPSLPVIQ STYGMKTDGGSLAGNEMINGEDEMEMYDDYEDDPKSDYSSENEAPAVSAN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage

Short-term storage: Store at 2-8°C for (1-2 weeks).
 Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
 Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name SOX6 SRY (sex determining region Y)-box 6 [Homo sapiens]

Official Symbol SOX6

Synonyms SOX6; SRY (sex determining region Y)-box 6; transcription factor SOX-6; SRY-box containing gene 6; SOXD; HSSOX6;

Gene ID 55553

mRNA Refseq NM_001145811

Protein Refseq NP_001139283

MIM 607257

UniProt ID P35712

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