

Recombinant Human SOX17 protein, GST-tagged

Cat. No. SOX17-301127H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOX17 protein(1-66 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-66 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MSSPDAGYASDDQSQTQSALPAVMAGLGPCPWAESLSPIGDMKVKGEAPANSGAP AGAAGRAKGES
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SOX17 SRY (sex determining region Y)-box 17 [Homo sapiens]
Official Symbol	SOX17
Synonyms	SOX17; SRY (sex determining region Y)-box 17; transcription factor SOX-17; SRY-related HMG-box transcription factor SOX17; VUR3; FLJ22252;
Gene ID	64321
mRNA Refseq	NM_022454
Protein Refseq	NP_071899
MIM	610928
UniProt ID	Q9H6I2

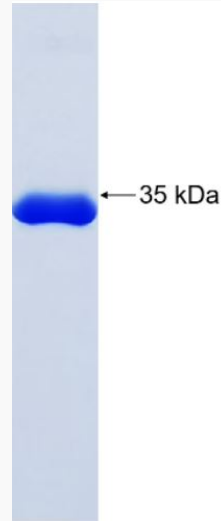
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SDS-PAGE



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