

# Product datasheet for TP710144

# SOX5 (NM\_006940) Human Recombinant Protein

# **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human SRY (sex determining region Y)-box 5 (SOX5), transcript variant 1, full length, with C-terminal DDK tag, expressed in sf9, 20ug Species: Human **Expression Host:** Sf9 **Expression cDNA Clone** A DNA sequence from TrueORF clone, RC224228, encoding human full-length SOX5 or AA Sequence: C-DDK Tag: Predicted MW: 84 **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 008871 Locus ID: 6660 **UniProt ID:** P35711, A0A024RB06 **RefSeq Size:** 4333 Cytogenetics: 12p12.1 **RefSeq ORF:** 2289 Synonyms: L-SOX5; L-SOX5B; L-SOX5F; LAMSHF



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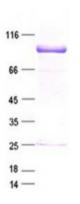
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Summary:This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription<br/>factors involved in the regulation of embryonic development and in the determination of the<br/>cell fate. The encoded protein may act as a transcriptional regulator after forming a protein<br/>complex with other proteins. The encoded protein may play a role in chondrogenesis. A<br/>pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding<br/>distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

## **Product images:**



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