

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 or AA Sequence:	A DNA sequence from TrueORF clone, RC224228, encoding human full-length SOX5
Tag:	C-DDK
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.
Storage:	Store at -80°C.
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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Summary:

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 regulator after forming a protein complex with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families:

Transcription Factors

Product images: