

Product datasheet for PH324228

SOX5 (NM_006940) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SOX5 MS Standard C13 and N15-labeled recombinant protein (NP_008871)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224228
Predicted MW:	83.8 kDa
Protein Sequence:	>RC224228 representing NM_006940 Red=Cloning site Green=Tags(s)
	MLTDPDLPQEFERMSSSRPASPYGEADGEVAMVTSRQKVVEEESDGLPAFHLPLHVSFPNKPHEEFQPV SLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRKGLA DVVDTLKQRKMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGINQLT SLREQLLAHDEQKLAASQIEKQRQOMELAKQQEQIARQQQLLQQQHKINLLQQQIQVQGQLPPLMI PVFPPDQRTLAAAQQGFLLPPGFSYKAGCSDPYPVQLIPTTMAAAAAATPGLGPLQLQLYAAQLAAMQ VSPGGKLPGIPQGNLGAAVSPTSIHTDKSTNSPPPKSKDEVAQPLNLSAKPKTSDGKSPTSPHMPAL RINSGAGPLKASVPAALASPSARVSTIGYLNHDVAVTKAIQEARQMKELRREQQLDQKAVVNSLGLN NCRTEKEKTTLESLTQQLAVKQNEEGKFSHAMMDFNLSGSDGSGAGVSESRIRYRSRGRGSNEPHIKRPM NAFMVWAKDERRKILQAFPMHNSNISILGSRWKAMTNEKQPYEEQARLSKQHLEKYPDYKYKPRPK RTCLVDGKCLRIGEYKAIMRNRQEMRQYFNVGQQAQIPIATAGVYYPGAIAMAGMPSHPLPSEHSSVSS SPEPGMPVIQSTYGVKGEEPHIKEEIQAEINGEYDEYDEEEDDPVDYGSSENHIAGQAN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_008871</u>



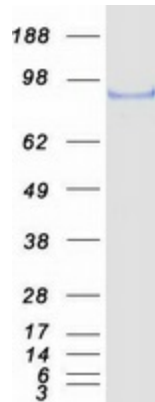
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RefSeq Size:	4333
RefSeq ORF:	2289
Synonyms:	L-SOX5; L-SOX5B; L-SOX5F; LAMSHF
Locus ID:	6660
UniProt ID:	P35711 , A0A024RB06
Cytogenetics:	12p12.1

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:



Coomassie blue staining of purified SOX5 protein (Cat# [TP324228]). The protein was produced from HEK293T cells transfected with SOX5 cDNA clone (Cat# [RC224228]) using MegaTran 2.0 (Cat# [TT210002]).