

Product datasheet for PH308944

SOX9 (NM_000346) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SOX9 MS Standard C13 and N15-labeled recombinant protein (NP_000337)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208944
Predicted MW:	56 kDa
Protein Sequence:	>RC208944 representing NM_000346 Red=Cloning site Green=Tags(s)
	MNLLDPFMKMTDEQEKGLSGAPSPTMSSEDSAGSPSPSGSGSDTENTRPQENTFPKGEPDLKKESEEDKFP VCIREAVSQVLKGYDWTLVPMPVRVNGSSKNKPHVKRPMNAFMVWAQAARRKLADQYPHLHNAELSKTLG KLWRLLESEKRPFVEEAERLRVQHKKDHPDYKYQPRRRKSVKNGQAEAEATEQTHISPNAIFKALQAD SPHSSSGMSEVHSPGEHSGSQGPPPTTPKTDVQPGKADLKREGRPLPEGGRQPPIDFRDVIDIGELSS DVISNIETFDVNEFDQYLPPNGHPGVPATHGQVYTGSGYISSTAATPASAGHVWMSKQQAPPPPPQPP QAPPAPQAPPQQAAPPQQAAPPQQAHTLTLSSEPGQSQRTHIKTEQLSPSHYSEQQQHSPQQIAY SPFNLPHYSPYPPITRSQYDYTDHQNSSYSHAAGQGTGLYSTFTYMNPAQRPMYTPIDTSGVPSIP QTHSPQHWEPVYTQLTRP
	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_000337</u>
RefSeq Size:	3935
RefSeq ORF:	1527



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Synonyms: CMD1; CMPD1; SRA1; SRXX2; SRXY10

Locus ID: 6662

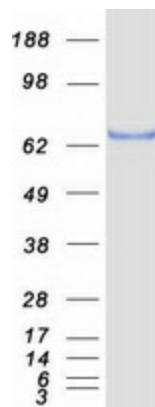
UniProt ID: [P48436](#)

Cytogenetics: 17q24.3

Summary: The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq, Jul 2008]

Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors

Product images:



Coomassie blue staining of purified SOX9 protein (Cat# [TP308944]). The protein was produced from HEK293T cells transfected with SOX9 cDNA clone (Cat# [RC208944]) using MegaTran 2.0 (Cat# [TT210002]).