

## Product datasheet for PH322052

### SOX14 (NM\_004189) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SOX14 MS Standard C13 and N15-labeled recombinant protein (NP_004180)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222052
Predicted MW:	26.5 kDa
Protein Sequence:	>RC222052 protein sequence Red=Cloning site Green=Tags(s)  MSKPSDHIKRP MN AFMVWSRGQRRKMAQENPKMHNSEISKRLGAEWKLLSEAEKRPYIDEAKRLRAQHMK EHPDYKYRPRRKPNLLKDRYVFPLPYLGDTDPLKAAGLPVGASDGLLSAPEKARAFPPASAPYSLLD PAQFSSSAIQKMGEVPHLATGALPYASTLGYQNGAFGSLSCPSQHTHTHPSPNPGYVVPCNCTAWSAS TLQPPVAYILFPGMTKTGIDPYSSAHATAM  SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_004180</a>
RefSeq Size:	2043
RefSeq ORF:	720
Synonyms:	SOX28
Locus ID:	8403
UniProt ID:	<a href="#">O95416</a>



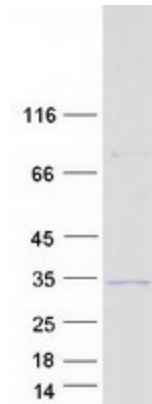
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**Cytogenetics:** 3q22.3

**Summary:** This intronless 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. Mutations in this gene are suggested to be responsible for the limb defects associated with blepharophimosis, ptosis, epicanthus inversus syndrome (BPES) and Mobius syndrome. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

**Product images:**



Coomassie blue staining of purified SOX14 protein (Cat# [TP322052]). The protein was produced from HEK293T cells transfected with SOX14 cDNA clone (Cat# [RC222052]) using MegaTran 2.0 (Cat# [TT210002]).