

## Product datasheet for PH324471

### SOX21 (NM\_007084) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SOX21 MS Standard C13 and N15-labeled recombinant protein (NP_009015)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224471
Predicted MW:	28.4 kDa
Protein Sequence:	>RC224471 representing NM_007084 Red=Cloning site Green=Tags(s)  MSKPVDHVKRP MN AFMVWSRAQRRKMAQENPKMHNSEISKRLGAEWKLLTESEKRPFIDEAKRLRAMHMK EHPDYKYRPRKPKTLLKKDKFAFPVPLYGLGGVADAEHPALKAGAGLHAGAGGLVPESLLANPEKAAAA AAAAAARVFFPQSAAAAAAAAAAAAAGSPYSLLDLGSKMAEISSSSGLPYASSLGYPTAGAGAFHGAAA AAAAAAAAGGHTHSPSPGNPGYMI PCNCSAWSPGLQPLAYILLPGMGKPLDPYPAAYAAAL  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_009015</a>
RefSeq Size:	2537
RefSeq ORF:	828
Synonyms:	SOX25
Locus ID:	11166
UniProt ID:	<a href="#">Q9Y651</a>

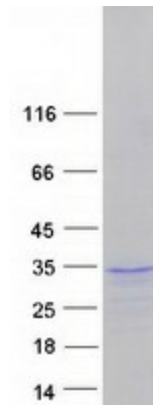


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Cytogenetics: 13q32.1

**Summary:** SRY-related HMG-box (SOX) genes encode a family of DNA-binding proteins containing a 79-amino acid HMG (high mobility group) domain that shares at least 50% sequence identity with the DNA-binding HMG box of the SRY protein (MIM 480000). SOX proteins are divided into 6 subgroups based on sequence similarity within and outside of the HMG domain. For additional background information on SOX genes, see SOX1 (MIM 602148).[supplied by OMIM, Apr 2004]

**Product images:**



Coomassie blue staining of purified SOX21 protein (Cat# [TP324471]). The protein was produced from HEK293T cells transfected with SOX21 cDNA clone (Cat# [RC224471]) using MegaTran 2.0 (Cat# [TT210002]).