

Product datasheet for PH320888

SOX17 (NM_022454) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SOX17 MS Standard C13 and N15-labeled recombinant protein (NP_071899)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220888
Predicted MW:	43.9 kDa
Protein Sequence:	>RC220888 representing NM_022454 Red=Cloning site Green=Tags(s)

MSSPDAGYASDDQSQTSALPAVMAGLGPCPWAESLSPIGDMKVKGAPANSAPAGAAGRAKGESRIRR
PMNAFMVWAKDERKRLAQNPDLHNAELSKMLGKSWKALTLAEKRPFVEEAERLRVQHMQDHPNYKYRPR
RRKQVKRLKRVEGGFLHGLAEPQAAALGPEGGRVAMDGLGLQFPEQGFAPGPPLLPHPMGGHYRDCQSLG
APPLDGYPLPTPDTSPLDGVDPAFFAAPMPGDCPAAGTYSYAQVSDYAGPPEPPAGPMHPRLGPEPAG
PSIPGLLAPPSALHVVYGGAMGSPGAGGGRGFQMQPQHQQHQQHHPGPGQPSPPPEALPCRDGTDPSQ
PAELLGEVDRTEFEQYLHFVCKPEMGLPYQGHDSGVNLPDSHGAISSVSDASSAVYYCNYPDV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_071899
RefSeq Size:	1853
RefSeq ORF:	1242
Synonyms:	VUR3
Locus ID:	64321



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UniProt ID: [Q9H6I2](#)

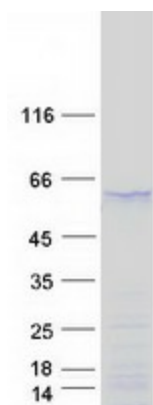
Cytogenetics: 8q11.23

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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Wnt signaling pathway

Product images:



Coomassie blue staining of purified SOX17 protein (Cat# [TP320888]). The protein was produced from HEK293T cells transfected with SOX17 cDNA clone (Cat# [RC220888]) using MegaTran 2.0 (Cat# [TT210002]).