

# Product Datasheet

## Recombinant Human SOX2 TAT Protein NBP2-35268-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

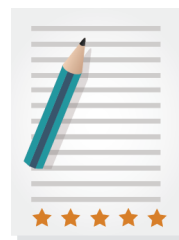
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**NBP2-35268-5ug**

Recombinant Human SOX2 TAT Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 7.4, with 5% Trehalose.
Target Molecular Weight	36.0 kDa

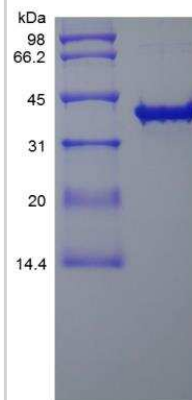
Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 330 amino acids, including the 317 residues of full-length SOX2 and a 13-residue C-terminal TAT peptide (GGYGRKKRRQRRR) <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> <i>P48431</i></p> <p><b>Amino Acid Sequence:</b> MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTKTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMMPMHRY DVSALQYNSM TSSQTYMNGS PTYSMSYSQQ GTPGMALGSM GSVVKSEASS SPPVVTSSSH SRAPCQAGDL RDMISMYLPG AEVPEPAAPS RLHMSQHYQS GPVPGTAING TLPLSHMGY GRKKRRQRRR</p>
Gene ID	6657
Gene Symbol	SOX2
Species	Human
Endotoxin Note	Less than 1 EU/ug of SOX2 as determined by LAL method.

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page



## Images

SDS-Page: Human SOX2 TAT Protein [NBP2-35268]



## Publications

Schaefer, T;Mittal, N;Wang, H;Ataman, M;Candido, S;Lötscher, J;Velychko, S;Tintignac, L;Bock, T;Börsch, A;Baßler, J;Rao, TN;Zmajkovic, J;Roffeis, S;Löliger, J;Jacob, F;Dumlin, A;Schürch, C;Schmidt, A;Skoda, RC;Wymann, MP;Hess, C;Schöler, HR;Zaehres, H;Hurt, E;Zavolan, M;Lengerke, C; Nuclear and cytosolic fractions of SOX2 synergize as transcriptional and translational co-regulators of cell fate *Cell reports* 2024-10-03 [PMID: 39368083]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-35268-5ug**

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NB110-37235PEP	SOX2 Antibody Blocking Peptide
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
AF2018	SOX2 Antibody [Unconjugated]
314-BP-010	BMP-4 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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