

# Product Datasheet

## Fibronectin Recombinant Protein Antigen NBP2-61633PEP

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-61633PEP**

## Fibronectin Recombinant Protein Antigen

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	PBS and 1M Urea, pH 7.4.
Target Molecular Weight	33 kDa
Product Description	
Description	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human FN1.</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Amino Acid Sequence:</b>  HEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNRGEWTCIAYSQLRD  QCIVDDITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETG  TFYQIGDSWEKYVHGVRYQCYCYGRGIG</p> <p><b>Fusion Tag:</b> N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</p> <p><b>This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.</b></p>
Gene ID	2335
Gene Symbol	FN1
Species	Human
Product Application Details	
Applications	Antibody Competition
Recommended Dilutions	Antibody Competition 10-100 molar excess

**Application Notes**

This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-61633.

It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.

For current lot information, including availability, please contact our technical support team click [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

For further blocking tide related information and a protocol, click [here](#).

**Publications**

Lee H, Bae A, Kim J, Kingsley K Differential Effects of Extracellular Matrix Glycoproteins Fibronectin and Laminin-5 on Dental Pulp Stem Cell Phenotypes and Responsiveness Journal of functional biomaterials 2023-02-08 [PMID: 36826890]





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### **Products Related to NBP2-61633PEP**

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NBP1-91258PEP	Fibronectin Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]
NBP1-91258	Fibronectin Antibody - BSA Free
210-TA-005	TNF-alpha [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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