

# Product Datasheet

## SERCA1 ATPase Recombinant Protein Antigen NBP3-25129PEP

Unit Size: 100 ul

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

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**NBP3-25129PEP****SERCA1 ATPase Recombinant Protein Antigen****Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Preservative</b>  | No Preservative                                                                             |
| <b>Purity</b>        | >80% by SDS-PAGE and Coomassie blue staining                                                |
| <b>Buffer</b>        | PBS and 1M Urea, pH 7.4.                                                                    |

**Product Description**

|                    |                                                                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | <p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human SERCA1 ATPase</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> NYVRVGTTTRVPLTGVPVKEKIMAVIK</p> <p><b>Fusion Tag:</b> N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</p> |
| <b>Gene ID</b>     | 487                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b> | ATP2A1                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>     | Human                                                                                                                                                                                                                                                                                                                         |

**Product Application Details**

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Antibody Competition                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b> | Antibody Competition 10-100 molar excess                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Application Notes</b>     | <p>This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-25129. 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 <a href="mailto:nb-technical@bio-techne.com">nb-technical@bio-techne.com</a>.</p> |





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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 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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