

# Product Datasheet

## Carbonic Anhydrase XII/CA12 Recombinant Protein Antigen NBP1-81668PEP

Unit Size: 0.1 ml

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

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**NBP1-81668PEP**

## Carbonic Anhydrase XII/CA12 Recombinant Protein Antigen

Product Information	
Unit Size	0.1 ml
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	31 kDa
Product Description	
Description	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human CA12.</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Amino Acid Sequence:</b>  TASNKSEGLAVLAVLIEMGSFNPSYDKIFSHLQHVKYKGQAEFVPGFNIEELLPE  RTAEYYRYRGSLLTTPPCNPTVLWTVFRNPVQISQEQLLALETALYCTHMDDPS  PREMINNFRQVQ</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	771
Gene Symbol	CA12
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 NBP1-81668.

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 peptide related information and a protocol, click [here](#).





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### **Products Related to NBP1-81668PEP**

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NBP2-52902PEP	Carbonic Anhydrase XII/CA12 Recombinant Protein Antigen
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NBP1-81668	Carbonic Anhydrase XII/CA12 Antibody
DVE00	VEGF [HRP]

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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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