

# Product Datasheet

## Recombinant Human Amphiregulin Protein NBP2-35055-10ug

Unit Size: 10 ug

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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Updated 3/5/2018 v.20.1

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**NBP2-35055-10ug**

## Recombinant Human Amphiregulin Protein

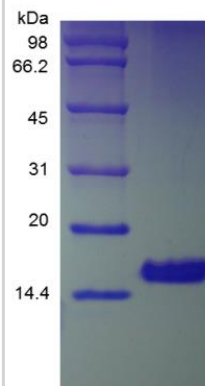
Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	>95% pure by SDS-PAGE
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	11.3 kDa

Product Description	
Description	<p>A single, non-glycosylated biologically active polypeptide chain corresponding to 98 residues of AREG.</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Amino Acid Sequence:</b> SVRVEQVVKP PQNKTESENT SDKPKRKKKG GKNGKNRRNR KKNPCNAEF QNFCIHGECK YIEHLEAVTC KCQQEYFGER CGEKSMKTHS MIDSSLK</p>
Gene ID	374
Gene Symbol	AREG
Species	Human
Preparation Method	Novus' biologically active proteins are stringently purified to provide only the safest and most highly effective proteins available. This protein was expressed in <i>E. coli</i> , purified by HPLC, QC tested by SDS-PAGE and Western Blot and validated on appropriate cell lines for bioactivity. All HPLC and bioactivity data is provided for your assurance.
Details of Functionality	Amphiregulin Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is between 5-10 ng/ml.
Notes	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
Endotoxin Note	Less than 1 EU/ug of endotoxin as determined by LAL method.

Product Application Details	
Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity

## Images

SDS-Page: Human Amphiregulin Protein [NBP2-35055]





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### **Products Related to NBP2-35055-10ug**

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NBP1-87071PEP	Amphiregulin Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
AF262	Amphiregulin Antibody
AF887	AKT [p Ser473] Antibody - Pan Specific

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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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