

# Product Datasheet

## Recombinant Human AKT1 Protein P4185

Unit Size: 5 ug

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

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**P4185**

## Recombinant Human AKT1 Protein

Product Information	
<b>Unit Size</b>	5 ug
<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>Buffer</b>	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.25 mM Dithiothreitol, 0.1 mM EGTA, 0.1 mM EDTA, 25% glycerol, 0.1 mM PMSF)

Product Description	
<b>Description</b>	AKT1 (Human) Recombinant Protein  <b>Source:</b> <i>Insect</i>  <b>Amino Acid Sequence:</b>
<b>Gene ID</b>	207
<b>Gene Symbol</b>	AKT1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Preparation Method</b>	Insect cell (Sf9) expression system
<b>Details of Functionality</b>	124 nmol phosphate incorporated into Akt substrate peptide per minute per mg protein at 30C for 15 minutes using a final concentration of 50 uM ATP and total of 0.83 uCi/uL P-32.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
<b>Applications</b>	Functional, SDS-Page
<b>Recommended Dilutions</b>	Functional, SDS-Page
<b>Application Notes</b>	This product is useful for and SDS-PAGE and Functional assays.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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