

# Human AKT2 Protein

Cat. No. AKT-HB6T2

## Description

<b>Source</b>	Recombinant Human AKT2 Protein is expressed from Baculovirus-Insect Cells with His tag and GST tag at the N-terminus. It contains Met1-Glu481.
<b>Accession</b>	P31751-1
<b>Molecular Weight</b>	The protein has a predicted MW of 84.00 kDa. The protein migrates to 70-85 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE

## Formulation and Storage

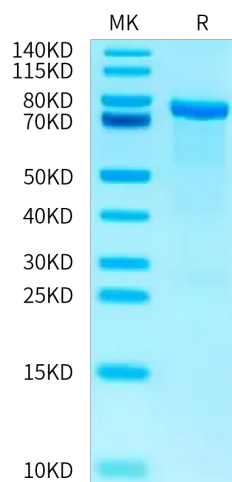
<b>Formulation</b>	Supplied as 0.22 µm filtered solution in 20 mM Tris, 500 mM NaCl, 10% glycerol (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Akt2 is a pivotal player in a complex web of signaling pathways controlling cell growth, proliferation, and survival. The deregulation or aberrations of Akt2 have been associated with tumor progression, metastatic spread, and, lastly, chemoresistance.

## Assay Data

### Tris-Bis PAGE



Human AKT2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.