

Human AKT2 Protein

Cat. No. AKT-HB6T2



Description	
Source	Recombinant Human AKT2 Protein is expressed from Baculovirus-Insect Cells(Sf9) with His tag and GST tag at the N-terminus.
	It contains Met1-Glu481.
Accession	P31751-1
Molecular Weight	The protein has a predicted MW of 84.00 kDa. The protein migrates to 70-85 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in 20 mM Tris, 500 mM NaCl, 10% glycerol (pH 7.4).
Storage	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

Bis-Tris PAGE



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