
Recombinant Human Protein Kinase B alpha (PKB alpha)

Catalog Number: 230-01141

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/12/2024

Source

Species	Human
Accession Number	P31749
Gene Symbols	AKT1
Synonyms	V-Akt Murine Thymoma Viral Oncogene Homolog 1, Protein Kinase B Alpha, Proto-Oncogene C-Akt, RAC-PK-Alpha.
Expressed Region	Ser2-Ala480

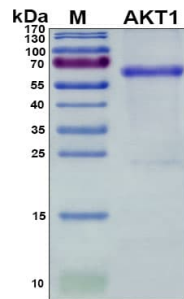
Preparation

Expression System	E. coli
Tag	N-terminal His-tag
Purity	>90%
Molecular Weight	57 kDa

Specifications

Format	Liquid
Formulation	Supplied as a 0.2 µm filtered solution in 20 mM Tris-HCl (pH 7.4), 10 mM EDTA, 8 M urea.
Concentration	Refer to the label on the vial for the specific concentration, determined by Bio-Rad Bradford protein dye reagent concentrate.

SDS-PAGE Image



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the liquid protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store at -20°C or -80°C in appropriate aliquots.
- Generally, the shelf life is up to 6 months from the date of receipt at -20°C or -80°C under sterile conditions.