



# Creative Enzymes

Diagnostic Enzymes

## Human AKT1 Protein (BTN-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-428
<b>Specification</b>	10µg(min)
<b>Description</b>	The catalytic domain of human AKT1 with the G478S mutation was co-expressed as an N-terminal DYKDDDDK-tagged, biotinylated protein using a baculovirus expression system. The protein was isolated by DYKDDDDK tag antibody agarose.
<b>Applications</b>	For use as a positive control in AKT1 detection assays for PI3K/AKT pathway cancer diagnostics.
<b>Synonyms</b>	AKT1, AKT, CWS6, PKB, PKB-ALPHA, PRKBA, RAC, RAC-ALPHA
<b>Source</b>	Insect (sf21)
<b>Class</b>	Serine/Threonine Kinase
<b>Group</b>	AGC
<b>Family</b>	AKT
<b>Gene Name</b>	AKT1   AKT serine/threonine kinase 1
<b>Sequence</b>	104-480 (end)
<b>Accession Number</b>	NP_005154.2
<b>Tag</b>	BTN-Tag
<b>Tag Location</b>	N-terminal DYKDDDDK
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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