

Product Datasheet

Recombinant Human AKT1 His Protein NBP2-52121-0.05mg

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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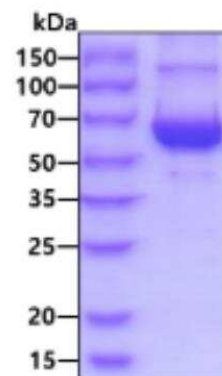


NBP2-52121-0.05mg**Recombinant Human AKT1 His Protein**

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	PBS (pH 7.4), 20% glycerol
Target Molecular Weight	56.7 kDa
Product Description	
Description	A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 1-480 of Human AKT1 Source: <i>Baculovirus</i> Amino Acid Sequence: MSDVAIVKEG WLHKRGEYIK TWRPRYFLLK NDGTFIGYKE RPQDVDQREA PLNNFSVAQC QLMKTERPRP NTFIIRCLQW TTVIERTFHV ETPEEREWT TAIQTVADGL KKQEEEEEMDF RSGSPSDNSG AEEMEVS LAK PKHRVTMNEF EYLKLLGKGT FGKVILVKEK ATGRYYAMKI LKKEVIVAKD EVAHTLTENR VLQNSRHPFL TALKYSFQTH DRLCFVMEYA NGGELFFHLS RERVFSEDRA RFGAEIVSA LDY LHSEKNV VYRDLKLENL MLDKDGHIKI TDFGLCKEGI KDGATMKTFC GTPEYLAPEV LEDNDYGRAV DWWGLGVVMY EMMCGRLPFY NQDHEKLFEL ILMEEIRFPR TLGPEAKSL SGLLKKDPKQ RLGGGSEDAK EIMQHRFFAG IVWQHVEKK LSPPFKPQVT SETDTRYFDE EFTAQMITIT PPDQDDSMEC VDSERRPHFP QFSYSASGTA LEHHHHHH
Gene ID	207
Gene Symbol	AKT1
Species	Human
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	In vitro assay, SDS-Page
Recommended Dilutions	In vitro assay, SDS-Page
Application Notes	Use in In vitro reported in scientific literature (PMID:33148467).

Images

SDS-Page: Recombinant Human AKT1 Protein [NBP2-52121] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain



Publications

Qi D, Song X, Xue C Et Al. AKT1/FOXP3 axis-mediated expression of CerS6 promotes p53 mutant pancreatic tumorigenesis Cancer letters 2021-07-31 [PMID: 34343636]

Ni C, Zheng K, Gao Y et al. ACOT4 accumulation via AKT-mediated phosphorylation promotes pancreatic tumorigenesis Cancer Letters 2020-10-01 [PMID: 33148467] (In vitro)



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Products Related to NBP2-52121-0.05mg

NBP2-52957PEP	AKT1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NB100-56749	AKT1 [p Ser473] Antibody (104A282) - BSA Free
DVE00	VEGF [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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