

Product Data Sheet

Recombinant Human AK5 Protein

Catalog #	Source	Reactivity	Applications
CST1278	E. coli	H	
Description	Recombinant Human AK5 Protein is produced by E. coli expression system and the target gene encoding Glu191-Pro480 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	AK5		
Alternative Names	Adenylate kinase isoenzyme 5; AK 5; ATP-AMP transphosphorylase 5		
Entrez Gene	26289		
SwissProt	Q9Y6K8		
Purity			
Chemical Structure	ELAPQETTIT EIKQKLMQIP DEEGIVIDGF PRDVAQALSF EDQICTPDLV VFLACANQRL KERLLKRAEQ QGRPDDNVKA TQRRMLNFKQ NAAPLVKYFQ EKGLIMTFDA DRDEDEVFYD ISMAVDNKLK PNKEAAAGSS DLDPSMILDT GEIIDTGS DY EDQGDDQLNV FGEDTMGGFM EDLRKCKIIF IIGGPGSGKG TQCEKLVEKY GFTHLSTGEL LREELASESE RS		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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