

Recombinant Human AK7 protein, His-tagged

Cat. No. AK7-3632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK7 protein(Q96M32)(1-723aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	1-723aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	83.7 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

MAEEEETAALTEKVIRTQRVFINLLDSYSSGNIGKFLSNCVVGASLEEITEEEEEEDEN
 KSAMLEASSTKVKEGTFQIVGTLSKPDSPRPDFAVETYSAISREDLLMRLECDVIIYN
 ITSSQQMEEAIWAVSALSSEEVSHFEKRKLFILLSTVMTWARSKALDPEDSEVPFTEE
 DYRRRKSHPNFLDHINAEKMLVKFGKKARKFAAYVVAAGLQYGAEGGMLHTFFKMA
 WLGEIPALPVFGDGTNVIPTIHVLDLAGVIQNVIDHVPKPHYLVAVDESVHTLEDIVKCI
 SKNTGPGKIQKIPRENAYLTKDLTQDCLDHLLVNL RMEALFVKENFNIRWAAQTGFV
 ENINTILKEYKQSRGLMPIKICILGPPAVGKSSIAKELANYKLLHHIQLKDVI SEAIKLE
 AIVAPNDVGE GEEEEVEEEEEENVEDAQELLDGIKESMEQNAGQLDDQYIIRFMKEK
 LKSMPCR NQGYILDGFPKTYDQAKDLFNQEDEEEEDDVRGRMF PFDKLIPEFVCAL
 DASDEFLKERVINLPESIVAGTHYSQDRFLRALS NYRDINIDDET VFN YFDELEIHPHI
 DVGKLEDAQNRLAIKQLIKEIGEP RNYGLTDEEK AEEERKAAEERLAREAAAAEERE
 HQEAVEMA EK IARWEEWNKRLEEVKREERELLEAQSIPLRNYLMTYVMPTLIQGLNE
 CCNVRPEDPVDFLAEYLFKNNPEAQ

GENE INFORMATION

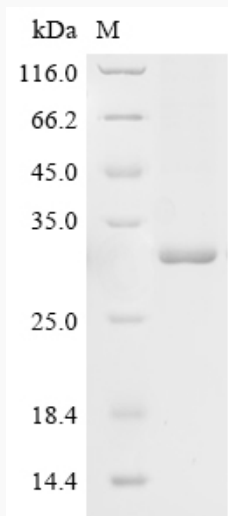
Gene Name	AK7 adenylate kinase 7 [Homo sapiens]
Official Symbol	AK7
Synonyms	AK7; adenylate kinase 7; FLJ32864; putative adenylate kinase 7;
Gene ID	122481
mRNA Refseq	NM_152327
Protein Refseq	NP_689540
UniProt ID	Q96M32

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SDS-PAGE



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