

Product datasheet

Recombinant Human AK7 protein ab165181

1 Image

Description

Product name	Recombinant Human AK7 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MAEEEETAALTEKVIRTQRVFINLLDSYSSGNIGKFLSN CVVGASLEEIT EEEEEEDENKSAMLEASSTKVKEGTFQVGTLSKPDS PRPDFAVETYSAI SREDLLMRLLECDVIYNITESSQQMEEAWAVSALSEE VSHFEKRKLF LLSTVMTWARSKALDPEDSEVPFTEEDYRRRKSHPNF LDHINAEKMLKF GKKARKFAAYVVAAGLQYGAEGGMLHTFFKMAWLGEI PALPVFGDGTNVI PTIHVLDLAGVIQNVIDHVPKPHYLVAVDESVHTLEDVK CISKNTGPGK IQKIPRENAYLTKDLTQDCLDHLLVNLRMEALFVKENFN IRWAAQTGFVE NINTILKEYKQSRGLMPIKICILGPPAVGKSSIAKELAKYY KLHHIQLKD VISEAIKLEAVAPNDVGESEEEEEEEEEENVEDAQ ELLDGIKESMEQ NAGQLDDQYIIRFMKEKLSMPCRNRYILDGFPKTYD QAKDLFNQEDEE EEDDVRGRMFPPDKLIPEFVCALDASDEFLKERVINL PESIVAGTHYSQ DRFLRALSNYRDINIDDETVFNFYFDELEIHPHIDVGKLE DAQNRLAIKQ LIKETGEPRNYGLTDEEKAEGERKAAEERLAREAAEE AEREHQEAVEMAE KIARWE</p>
Amino acids	1 to 656
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab165181** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Relevance	The adenylate kinases (AK) are a family of structurally and functionally related enzymes that catalyze a similar reaction, $MgNTP + AMP = MgNDP + ADP$ (N = A or G). The AK enzymes are important for maintenance of homeostasis of the adenine and guanine nucleotide pools.
Cellular localization	Cytoplasmic

Images



ab165181 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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