

Product datasheet

Recombinant Human AK5 protein ab113593

1 Image

Description

Product name	Recombinant Human AK5 protein
Purity	> 85 % SDS-PAGE. ab113593 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9Y6K8
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHHSSGLVPRGSHMGSHMNTNDAKEYMARR EIPQLFESLLNGL MCSKPEDPVEYLESCLQKVKEGGCDKVKWDTFVSQEK KTLPLNGGQSR RSFLRNVMPGNSNFPYRRYDRLPPIHQFSIESDTDLSETAE LIEEYEVFD PTRPRPKIILVIGGPGSGKGTQSLKIAERYGFQYISVGELLRK KIHSTSS NRKWSLIAKIITGELAPQETTITEIKQKLMQIPDEEGVIDGF PRDVAQ ALSFEDQICTPDLVVFLACANQRLKERLLKRAEQQGRPD DNVKATQRRLM NFKQNAAPLVKYFQEKGLIMTFDADRDEDEVFYDISMAVD NKLFPNKEAA AGSSDLDPMSMILDTGEIIDTGSDYEDQGDDQLNVFGEDTM GGFMEDLRKC KIIFIIGGPGSGKGTQCEKLVKEYGFTHLSTGELLREELASE SERSKLIR DIMERGDLVPSGIVLELLKEAMVASLGDTRGFLIDGYPREV KQGEEFGRR IGDPQLVICMDCSADTMTNRLQSRSSLPVDDTTKTIKR LEAYYRASI PVIAYYETKQLHKINAEGTPEDVFLQLCTAIDSIF</p>
Predicted molecular weight	66 kDa including tags
Amino acids	1 to 562

Tags

His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab113593** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

General Info

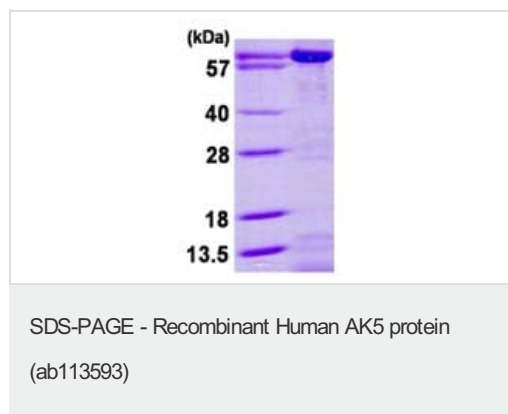
Function Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP.

Tissue specificity Brain specific.

Sequence similarities Belongs to the adenylate kinase family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of ab113593 (3µg)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors