

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	<u>Q9Y6K8</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHHSSGLVPRGSHMGSHMNTNDAKEYMARR EIPQLFESLLNGL MCSKPEDPVEYLESCLQKVKELGKCDKVKWDTFVSQEK KTLPLNGGQSR RSFLRNVMPGNSNFPYRRYDRLPPIHQFSIESDTDLSETAE LIEEYEVFD PTRPRPKIILVIGGPGSGKGTQSLKIAERYGFQYISVGELLRK KIHSTSS NRKWSLIAKIITGELAPQETTITEIKQKLMQIPDEEGVIDGF PRDVAQ ALSFEDQICTPDLVVFLACANQRLKERLLKRAEQQGRPD DNVKATQRRLM NFKQNAAPLVKYFQEKGLIMTFDADRDEDEVFYDISMAVD NKLFPNKEAA AGSSDLDPSPMILDTGEIITGSDYEDQGDDQLNVFGEDTM GGFMEDLRKC KIIFIIGGPGSGKGTQCEKLVEKYGFTHLSTGELLREELASE SERSKLIR DIMERGDLPVSGIVLELLKEAMVASLGDTRGFLIDGYPREV KQGEEFGRR IGDPQLVICMDCSADTMTNRLLQRSRSSLPVDDTTKTIKR LEAYYRASI PVIAYYETKTQLHKINAEGTPEDVFLQLCTAIDSIF</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

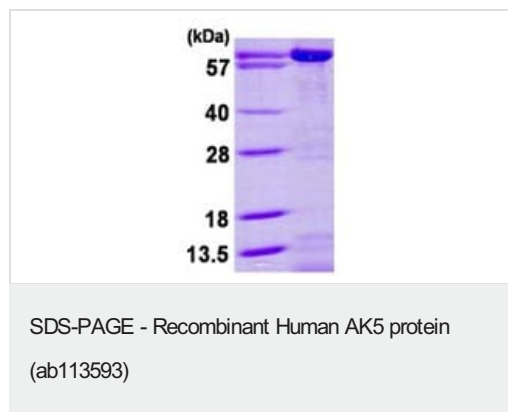
Function Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP.

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"

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