

Recombinant human BRSK2 protein ab139629

[2 Images](#)

Description

| | |
|----------------------------|---|
| Product name | Recombinant human BRSK2 protein |
| Biological activity | The specific activity of ab139629 was determined to be 105 nmol/min/mg. |
| Purity | >= 95 % Densitometry. Affinity purified. |
| Expression system | Baculovirus infected Sf9 cells |
| Accession | <u>Q8IWQ3-3</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | MTSTGKDGGQAQYVGPYRLEKTLGKGQTGLVKLGVHC VTCQKVAIKV NREKLSSEVLMKVEREIALKLEHHPVCLKLHDVYENKKLY LVLEHVSG GELFDYLVKKGRLTPKEARKFFRQIISALDFCHSHSICHRD LKPENLLLD EKNNIRIADFGMASLQVGDSLLETSCGSPHYACPEVIRGE KYDGRKADVW SCGVILFALLVGALPFDDDNLRQLLEKVKRGVFMHPHFIP PDCQSLLRGM IEVDAARRLTLEHIQKHIWYIGGKNEPEPEQIPRKVQIRSLP SLEDIDP DVLDSMHSLGCFRDRNKLLQDLLSEENQEKMIFLLDR KERYPSQEDE DLPPRNEIDPPRKRVDSPMLNRHGKRRPERKSMEVLSVT DGGSPVPARRA IEMAQHQRSRISGASSGLSTSPSSPRVTPHSPRGSP LPTPKGTPVH TPKESPAGTPNPTPPSSPSVGGVPWRARLNSIKNSFLGS PRFHRRKLQVP TPEEMSNLTPESSPELAKKSWFGNFISLEKEEQIFVVIKDK PLSSIKADI VHAFLSIPSLSHSVISQTSFRAEYKATGGPAVFQKPKVKFQ VDITYEGGE |

AQKENGYSVTFTLLSGPSRRFKRVVETIQALLSTHDPPA
AQHLSDTTN CMEMMTGRLSKCGIIPKS

| | |
|-----------------------------------|------------------------|
| Predicted molecular weight | 108 kDa including tags |
| Amino acids | 1 to 668 |
| Tags | GST tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab139629** in the following tested applications.

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

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|---------------------|--|
| Applications | Functional Studies SDS-PAGE Western blot |
|---------------------|--|

Form Liquid

Additional notes **ab204854** (Cdc25C peptide) can be utilized as a substrate for assessing kinase activity

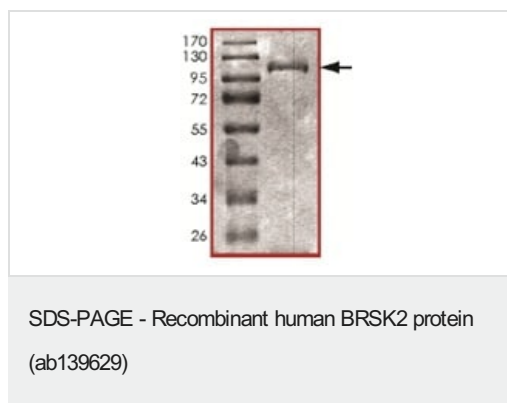
Preparation and Storage

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|------------------------------|---|
| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution. |
|------------------------------|---|

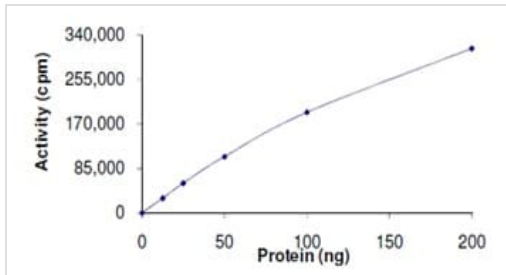
General Info

| | |
|------------------------------|--|
| Function | Required for the polarization of forebrain neurons which endows axons and dendrites with distinct properties, possibly by locally regulating phosphorylation of microtubule-associated proteins. |
| Sequence similarities | Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily. Contains 1 protein kinase domain. |

Images



SDS PAGE analysis of ab139629



The specific activity of ab139629 was determined to be 105 nmol/min/mg.

Functional Studies - Recombinant human BRSK2 protein (ab139629)

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

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