

Recombinant Human PSD95 protein ab131874

画像数 1

製品の詳細

製品名	Recombinant Human PSD95 protein
発現系	Wheat germ
アクセッション番号	<u>P78352-2</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MSQRPRAPRSALWLLAPPLLRWAPLLTVLHSDLFQALLDIL DY YEASLS ESQKYRYQDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPG YELQVNGT EGEMEYEEITLERGNSGLGFSIAGGTDNPHIGDDPSIFITKI IPGGAAAQ DGRLRVNDSILFVNEVDVREVTHSAAVEALKEAGSIVRLYVM RRKPPAEK VMEIKLIKGPGLGFSIAGGVGNQHIPGDNSIYVTKIIEGGA AHKDGR LQ IGDKILAVNSVGL EDVMHEDAVAALKNTYDVVYLKVKAP SNA YLSDSYAP PDITTSYSQHL DNEISHSSYLGT DYPTAMTPTSPRRYSPVAK DLLGEEDI PREPRRIVIRHGSTGLGFNIVGGEDGEGIFISFILAGGPADL SGELRKGD QILSVNGVDLRNASHEQAAIALKNAGQTVTIIAQYKPEEYSR FEAKIHDL REQLMNSSLGSGTASLRSNPKRGFYIRALFDYDKTKDCGFLS QALSFRFG DVLHVIDASDEEWWQARRVHSDSETDDIGFIPSKRRVERREW SRLKAKDW GSSSGSQGREDSVLSYETVTQMEVHYARPIIILGPTKDRAND DLLSEFPD KFGSCVPHTTRPKREYEIDGRDYHFVSSREKMEKDIQAHKFI EAGQYN SH LYGTSVQSVREVAEQGKHCILDV SANAVRRLQA AHLHP IAI F IRPR SLEN

VLEINKRITEEQARKAFDRATKLEQEFTECFSAIVEGDSFEE
IYHKVKRV IEDLSGPYIWVPARERL

予測される分子量 112 kDa including tags
領域 1 to 767

特性

Our **Abpromise guarantee** covers the use of **ab131874** in the following tested applications.

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

アプリケーション ELISA
Western blot
SDS-PAGE

製品の状態 Liquid

前処理および保存

保存方法および安定性 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

関連情報

機能 Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NMDA receptor signaling.
Overexpression or depletion of DLG4 changes the ratio of excitatory to inhibitory synapses in hippocampal neurons. May reduce the amplitude of ASIC3 acid-evoked currents by retaining the channel intracellularly. May regulate the intracellular trafficking of ADR1B.

組織特異性 Brain.

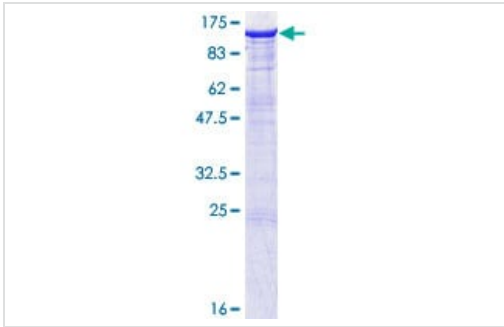
配列類似性 Belongs to the MAGUK family.
Contains 1 guanylate kinase-like domain.
Contains 3 PDZ (DHR) domains.
Contains 1 SH3 domain.

ドメイン The PDZ domain 3 mediates interaction with ADR1B.
The L27 domain near the N-terminus of isoform 2 is required for HGS/HRS-dependent targeting to postsynaptic density.

翻訳後修飾 Palmitoylation of isoform 1 is required for targeting to postsynaptic density.

細胞内局在 Cell membrane. Cell junction, synapse, postsynaptic cell membrane, postsynaptic density. Cell projection, axon. Cell junction, synapse. High levels in postsynaptic density of neurons in the forebrain. Also in presynaptic region of inhibitory synapses formed by cerebellar basket cells on axon hillocks of Purkinje cells.

画像



12.5% SDS-PAGE analysis of ab131874 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human PSD95 protein (ab131874)

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

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