

Recombinant Human HRG beta 1 protein ab55742

製品の詳細

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| 製品名 | Recombinant Human HRG beta 1 protein |
| 精製度 | > 98 % SDS-PAGE. purification checked by SDS Page and HPLC. |
| 発現系 | Escherichia coli |
| タンパク質長 | Protein fragment |
| Animal free | No |
| 由来 | Recombinant |
| 生物種 | Human |
| 配列 | SHLVKCAEKE KTFCVNGGEC FMVKDLSNPS RYLCKCPNEF TGDRQC NYVM ASFYKHLGIE FMEAE |

特性

Our **Abpromise guarantee** covers the use of **ab55742** 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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| アプリケーション | SDS-PAGE |
| | Functional Studies |

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| 製品の状態 | Lyophilized |
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前処理および保存

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| 保存方法および安定性 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 再構成 | Reconstitute in water to a concentration of 0.1-1.0 mg/ml. |

関連情報

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| 関連性 | HRG beta 1 is an isoform from the Neuregulin/Heregulin family of structurally related polypeptide growth factors which are derived from alternatively spliced genes (NRG1, NRG2, NRG3 and NRG4). To date, there are over 14 soluble and transmembrane proteins derived from the NRG1 gene. The receptors for all NRG1 isoforms are the ERBB family of tyrosine kinase transmembrane receptors. Through interaction with ERBB receptors, NRG1 isoforms induce the |
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growth and differentiation of epithelial, neuronal, glial, and other types of cells. HRG1-β1 contains an Ig domain and an EGF-like domain that is necessary for direct binding to receptor tyrosine kinases erb3 and erb4. Although HRG1-β1 biological effects are still unclear, it has been found to promote motility and invasiveness of breast cancer cells which may also involve up-regulation of expression and function of the autocrine motility promoting factor (AMF).

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

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