

Recombinant Human Carbonic Anhydrase 9/CA9 protein (His tag) ab219675

2 图像

| 描述 | |
|-----------|--|
| 产品名称 | 重组人Carbonic Anhydrase 9/CA9蛋白(His tag) |
| 纯度 | > 95 % SDS-PAGE. |
| 内毒素水平 | < 1.000 Eu/μg |
| 表达系统 | HEK 293 cells |
| Accession | <u>Q16790</u> |
| 蛋白长度 | Protein fragment |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | QSHWRYGGDPPWPRVSPACAGRFQSPVDIRPQLAAFCPALRP LELLGFQL PPLPELRLRNNGHSVQLTLPPGLEMALGPGREYRALQLHLHW GAAGRPGS EHTVEGHRFPAEIHVVHLSTAFARVDEALGRPGLAVLAAFL EEGPEENS AYEQLLSRLEEIAEEGSETQVPGLDISALLPSDFSRYFQYEG SLTTPPCA QGVIWTVFNQTVMLSAQLHTLSDTLWGPGDSRLQLNFRATQ PLNGRVIE ASFPAGVDSSPRAAEPVQLNSCLAAGD |
| 预测分子量 | 31 kDa including tags |
| 氨基酸 | 138 to 414 |
| 标签 | His tag C-Terminus |
| 额外的序列信息 | (NP_001207.2). |

技术指标

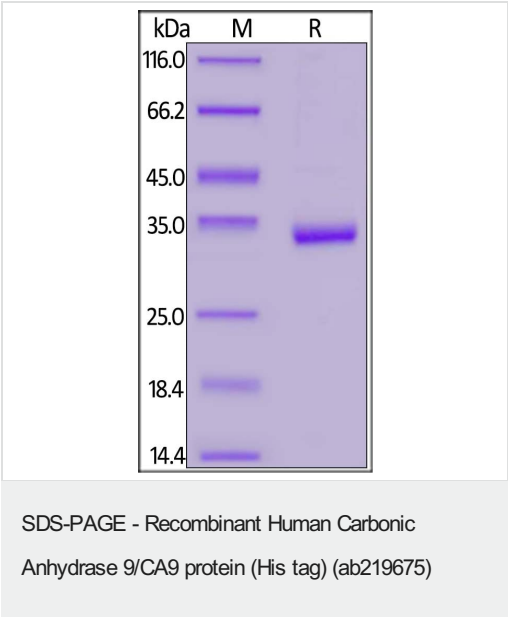
Our **Abpromise guarantee** covers the use of **ab219675** in the following tested applications.

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

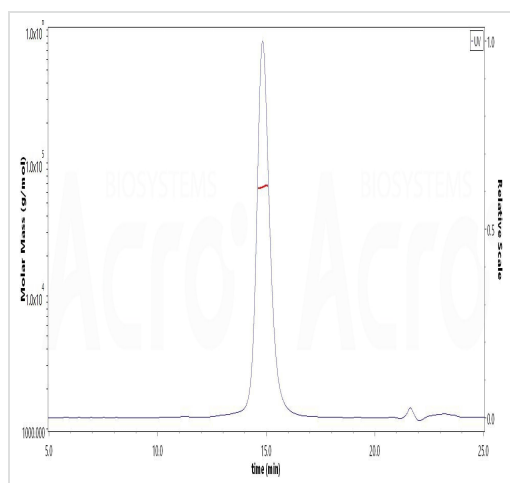
| | |
|----|----------|
| 应用 | SDS-PAGE |
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| 形式 | Liquid |
| 制备和贮存 | |
| 稳定性和存储 | <p>Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 7.40</p> <p>Constituents: 0.61% Tris, 0.87% Sodium chloride, 5% Trehalose</p> <p>Lyophilized from 0.22 μm filtered solution.</p> |
| 常规信息 | |
| 功能 | Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia. |
| 组织特异性 | Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa. |
| 序列相似性 | <p>Belongs to the alpha-carbonic anhydrase family.</p> <p>Contains 1 alpha-carbonic anhydrase domain.</p> |
| 翻译后修饰 | Asn-346 bears high-mannose type glycan structures. |
| 细胞定位 | Nucleus. Nucleus, nucleolus. Cell membrane. Cell projection, microvillus membrane. Found on the surface microvilli and in the nucleus, particularly in nucleolus. |

图片



SDS-PAGE analysis of ab219675 under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



The purity of Human Carbonic Anhydrase IX (138-414), His Tag (ab219675) is more than 90% and the molecular weight of this protein is around 60-70 kDa verified by SEC-MALS

Size Exclusion Chromatography - Recombinant
Human Carbonic Anhydrase 9/CA9 protein (His tag)
(ab219675)

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