

Recombinant human TRAIL protein ab9960

2 References

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| 描述 | |
| 产品名称 | 重组人TRAIL蛋白 |
| 生物活性 | <p>Assay1:Determined by its ability to induce apoptotic cell death in TRAIL-sensitive U343MG cells. The expected ED₅₀ for this effect is 1.0-3.0 ng/ml.</p> <p>Assay2:Measured by its ability to induce apoptosis in LN-18 cells (human glioblastoma cells). The expected ED₅₀ for this effect is 0.8 - 2.0 ng/ml.</p> |
| 纯度 | <p>> 98 % SDS-PAGE.</p> <p>Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).</p> |
| 表达系统 | Escherichia coli |
| Accession | <u>P50591</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MRERGPQRVA AHITGTRGRS NTLSSPNSKN EKALGRKINS WESSRSGHSF LSNLHLRNGE LVIHEKGFYY IYSQTYFRFQ EEIKENTKND KQMVQYIYKY TSYPDPILLM KSARNSCWSK DAEYGLYSIY QGGIFELKEN DRIFVSVTNE HLIDMDHEAS FFGAFLVG |
| 预测分子量 | 20 kDa |
| 氨基酸 | 114 to 281 |

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| 技术指标 | |
| Our <u>Abpromise guarantee</u> covers the use of ab9960 in the following tested applications. | |
| The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user. | |
| 应用 | Functional Studies SDS-PAGE |
| 形式 | Lyophilized |

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| 补充说明 | The ED50 was determined by its ability to induce apoptotic cell death in TRAIL-sensitive U343MG cells. The expected ED50 for this effect is 1.0-3.0 ng/ml. |
| 制备和贮存 | |
| 稳定性和存储 | 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. This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| 复溶 | Centrifuge the vial prior to opening. Reconstitute in 100ul water to a concentration of 0.5 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary. |
| 常规信息 | |
| 功能 | Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis. |
| 组织特异性 | Widespread; most predominant in spleen, lung and prostate. |
| 序列相似性 | Belongs to the tumor necrosis factor family. |
| 细胞定位 | Membrane. |

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

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