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Datasheet for ABIN5854702
AGA Protein (AA 24-346) (His tag)

Overview

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| Quantity: | 50 µg |
| Target: | AGA |
| Protein Characteristics: | AA 24-346 |
| Origin: | Human |
| Source: | Baculovirus infected Insect Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This AGA protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

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| Sequence: | ADPEFQLTTE SMPFNVAEGK EVLLL VHNL P QQLFGYSWYK GERVDG NRQI VGYAIGTQQA TPGPANSGRE TIYPNASLLI QNVTQNDTGF YTLQVIKSDL VNEEATGQFH VYPELPKPSI SSNNSNPVED KDAVAFTCEP ETQDTTYLWW INNQSLPVSP RLQLSNGNRT LTLLSVTRND TGPYECEIQN PVSANRSDPV TLNVTYGPDT PTISPSDTYY RPGANLSLSC YAASNPPAQY SWLINGTFQQ STQELFIPNI TVNNSGSYTC HANNSVTGCN RTTVKTIIVT ELSPVVAKPQ IKASKTTVTG DKDSVNL TCS TNDTGISIRW FFKNQSLPSS ERMKLSQGNT TLSINPVKRE DAGTYWCEVF NPISKNQSDP IMLNVNYNAL PQENGLSPGH HHHHH |
| Purity: | > 90 % by SDS - PAGE |
| Endotoxin Level: | < 1.0 EU per 1 microgram of protein (determined by LAL method) |

Target Details

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| Target: | AGA |
| Alternative Name: | AGA (AGA Products) |
| Background: | CEACAM1, also known as carcinoembryonic antigen-related cell adhesion molecule 1 isoform 6, is a member of the carcinoembryonic antigen (CEA) gene family which belongs to the immunoglobulin superfamily. This protein is a surface glycoprotein expressed on various blood cells, epithelial cells, and vascular cells. It performs actions in multiple cellular processes including tissue differentiation, angiogenesis, apoptosis, metastasis, as well as the modulation of innate and adaptive immune responses. Recombinant human CEACAM1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 44.6kDa (405aa) 40-70KDa (SDS-PAGE under reducing conditions.) |
| NCBI Accession: | NP_001192273 |
| UniProt: | P13688 |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |