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Datasheet for ABIN7504299
CEACAM8 Protein (AA 35-319) (Biotin)

Overview

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| Quantity: | 100 µg |
| Target: | CEACAM8 |
| Protein Characteristics: | AA 35-319 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CEACAM8 protein is labelled with Biotin. |

Product Details

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| Purpose: | Biotinylated Human CEACAM-8/CD66b Protein |
| Sequence: | Gln35-Ser319 |
| Characteristics: | Recombinant Biotinylated Human CEACAM-8/CD66b Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gln35-Ser319. |
| Purity: | > 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per µg by the LAL method. |

Target Details

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| Target: | CEACAM8 |
| Alternative Name: | CEACAM-8 (CEACAM8 Products) |

Target Details

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| Background: | Eosinophils and their products are likely important in the pathophysiology of allergic diseases, such as bronchial asthma, and in host immunity to parasitic organisms. CD66b (CEACAM8, CGM6, NCA-95) is a single chain, GPI-anchored, highly glycosylated protein belonging to the carcinoembryonic Ag supergene family. CD66b is an activation marker for human granulocytes. |
| Molecular Weight: | 34.3 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result. |
| NCBI Accession: | NP_001807 |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C, -80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |