

## Recombinant Human CEACAM6 protein, His-tagged, Low Endotoxin

**Cat. No.** CEACAM6-4661H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CEACAM6 protein(P40199)(Lys35-Gly320), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 35-320 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 32.86 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.                                                                                              |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                      |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                                |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                             |

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## GENE INFORMATION

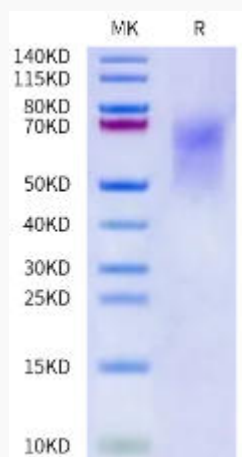
|                        |                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CEACAM6 carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) [ Homo sapiens ]                                                                                                                                  |
| <b>Official Symbol</b> | CEACAM6                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | CEACAM6; carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen); NCA; carcinoembryonic antigen-related cell adhesion molecule 6; CD66c; normal cross-reacting antigen; non-specific crossreacting antigen; CEAL; |
| <b>Gene ID</b>         | 4680                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_002483                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_002474                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 163980                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P40199                                                                                                                                                                                                                                                    |

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**Bis-Tris PAGE**



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