

# Recombinant Human CEACAM1

Catalog No: #GP10288



Package Size: #GP10288-1 100ug

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant Human CEACAM1   |
| Brief Description     | Recombinant Protein   |
| Immunogen Description | Fusion protein corresponding to a region derived from 145-413 amino acids of human carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) |
| Target Name           | carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)  |
| Other Names           | BGP, BGP1, BGPI   |
| Accession No.         | Swissprot:P13688Gene Accession:BC014473   |
| Uniprot               | P13688  |
| GeneID                | 634;  |
| Storage               | -20~-80°C, pH 7.6 PBS   |

## Background

This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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