

## Active Recombinant Mouse Ceacam5 Protein, His-tagged

Cat. No. Ceacam5-001M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CEACAM-5/CD66e (Gln35-Glu947) Protein with a C-terminal 6-His tag was expressed in Mouse myeloma cell line.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	35-947
<b>Description</b>	Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression. Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6. Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CEACAM-5/CD66e His-tag is immobilized at 0.5 µg/mL (100 µL/well), Recombinant Mouse Galectin-4 binds with an ED50 of 0.1-0.9 µg/mL.
<b>Molecular Mass</b>	103 kDa
<b>N-terminal Sequence Analysis</b>	Gln35

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<b>Endotoxin</b>	<0.1 EU/μg of the protein by the LAL method.
<b>Purity</b>	>90% by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 400 μg/mL in PBS.
<b>Shipping</b>	The product is shipped at ambient temperature.

## GENE INFORMATION

<b>Gene Name</b>	Ceacam5 carcinoembryonic antigen-related cell adhesion molecule 5 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ceacam5
<b>Synonyms</b>	Ceacam5; carcinoembryonic antigen-related cell adhesion molecule 5; Psg; Psg30; 1600029H12Rik; carcinoembryonic antigen-related cell adhesion molecule 5; pregnancy-specific glycoprotein 30
<b>Gene ID</b>	73250
<b>mRNA Refseq</b>	NM_028480

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**Protein Refseq** NP\_082756

**UniProt ID** Q3UUK2

**When Recombinant**

**Mouse**

**CEACAM/CD66e His-tag is immobilized at**

**0.5 µg/mL (100**

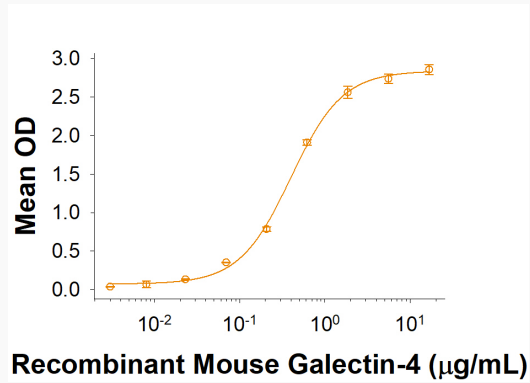
**µL/well),**

**Recombinant Mouse**

**Galectin-4 binds with**

**an ED50 of 0.1-0.9**

**µg/mL.**



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