Active Recombinant Mouse Ceacam5 Protein, Fc-tagged

Cat. No. Ceacam5-002M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CEACAM-5/CD66e (Gln35-Glu947) protein with a Mouse IgG2a (Glu98-Lys330) Fc tag at C-terminus was expressed in Mouse myeloma cell line.
Species	Mouse
Source	Mammalian Cells
ProteinLength	35-947
Description	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.
Form	Disulfide-linked homodimer
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CEACAM-5/CD66e Fc Chimera is immobilized at 0.5 μg/mL (100 μL/well), Recombinant Mouse Galectin-4 binds with an ED50 of 0.1-0.8 μg/mL.
Molecular Mass	130 kDa
N-terminal Sequence Analysis	Gln35

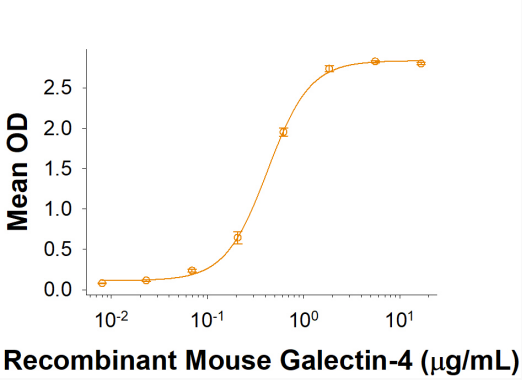
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Endotoxin	<0.1 EU/μg of the protein by the LAL method.
Purity	>90% by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 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.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Reconstitution	Reconstitute at 400 μg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

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

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Protein Refseq	NP_082756
UniProt ID	Q3UKK2
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