

Active Recombinant Mouse FAM185A protein, His-tagged

Cat. No. FAM185A-5549M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FAM185A protein(Met1-Glu262), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-262 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured in a cell proliferation assay using mouse bone marrow cells. The ED50 for this effect is 7.5-30.1 ng/mL, corresponding to a specific activity of $3.32 \times 10^4 \sim 1.33 \times 10^5$ units/mg. 2. Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 8.31-33.24 ng/mL, corresponding to a specific activity of $3.01 \times 10^4 \sim 1.20 \times 10^5$ units/mg.
Molecular Mass	30.19 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the

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date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name Fam185a family with sequence similarity 185, member A [*Mus musculus*]

Official Symbol FAM185A

Synonyms FAM185A; family with sequence similarity 185, member A; protein FAM185A; AI847670; 4631428I10;

Gene ID 330050

mRNA Refseq NM_177869

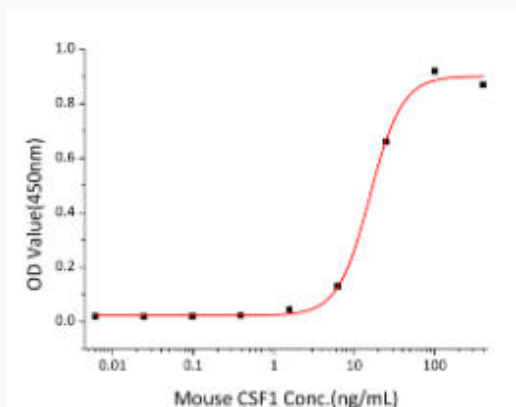
Protein Refseq NP_808537

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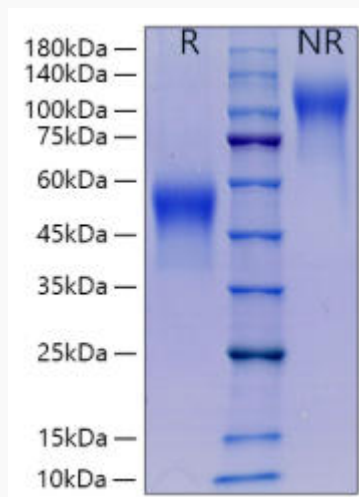
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Activity



SDS-PAGE



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