

Recombinant Mouse Fcεr2a protein, His-tagged

Cat. No. Fcεr2a-7144M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fcεr2a aa. (Leu150~Pro330 (Accession # P20693)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu150~Pro330
Form	Freeze-dried powder
Molecular Mass	22 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Fcεr2a Fc receptor, IgE, low affinity II, alpha polypeptide [*Mus musculus* (house mouse)]

Official Symbol

Fcεr2a

Synonyms

Fcεr2a; Fc receptor, IgE, low affinity II, alpha polypeptide; CD23; Fcε2; Fcεr2; Ly-42; low affinity immunoglobulin epsilon Fc receptor; FC epsilon RII; fc-epsilon-RII; low-affinity IgE receptor; lymphocyte IgE receptor

Gene ID

14128

mRNA Refseq

NM_001253737.1

Protein Refseq

NP_001240666.1

UniProt ID

P20693

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