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Datasheet for ABIN7536586
IgE Protein (His tag)

Overview

Quantity:	100 µg
Target:	IgE
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IgE protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse IgE Protein
Sequence:	PALGSELKVT TSQVTSWGKS AKNFTCHVTH PPSFNESRTI LVRPVNITEP TLELLHSSCD PNAFHSTIQL YCFIYGHILN DVSVSWLMDD REITDTLAQT VLIKEEGKLA STCSKLNITE QQWMESESTFT CKVTSQGV DY LAHTRRCPDH EPRGVITYLI PPSPLDLYQN GAPKLTCLV DLESEKNVNV TWNQEKKTSV SASQWYTKHH NNATTSITSI LPVVAKDWIE GYGYQCIVDH PDFPKPIVRS ITKTPGQRSA PEVYVFPPPE EESDKRTLTL CLIQNFFPED ISVQWLGDGK LISNSQHSTT TPLKSNGSNQ GFFIFSRLEV AKTLWTQRK
Specificity:	Pro50-Lys388
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg

Target Details

Target:	IgE
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Target Details

Abstract: [IgE Products](#)

Background: Description: As one of the five designated immunoglobulin isotypes, immunoglobulin E (IgE) plays a major role in atopic conditions by inducing immediate hypersensitivity reactions. IgE also contributes significantly to the body's immune response to parasitic infections. IgE antibodies are predominantly found in the tissues, firmly attached to effector cells, such as mast cells and basophils, by high-affinity IgE Fc receptor (Fc epsilon RI) and low-affinity IgE receptor (Fc epsilon RII).

Name: IgE

UniProt: [P06336](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
