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## Product Datasheet

### Recombinant Mouse IgE Protein, Human ABB-RPT0013

Article Name	Recombinant Mouse IgE Protein, Human
Biozol Catalog Number	ABB-RPT0013
Supplier Catalog Number	RPT0013
Alternative Catalog Number	ABB-RPT0013-100UG, ABB-RPT0013-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Mouse
Immunogen	Pro50-Lys388
Product 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 infec...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	38.99 kDa
Tag	C-His
UniProt	<a href="#">P06336</a>
Source	HEK293 cells
Purity	95% as determined by SDS-PAGE.

Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Sequence	PALGSELKVTTTSQVTSWGKSAKNFTCHVTHPPSFNESRTILVRPVNITEPTLEL LHSSCDPNAFHSTIQLYCFIYGHILNDVSVSWLMDDREITDTLAQTVLIKEEGK LASTCSKLNITEQQWMSESTFTCKVTSQGVDYLAHTRRCPDHEPRGVITYLIPP SPLDLYQNGAPKLTCLVVDLESEKNVNVNVTWNQEKKTSVSASQWYTKHHNNA TTSITSILPVVAKDWIEGYGYQCIVDHPDFPKPIVRSITKTP
Target	IgE
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: 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. ResearchArea: Tool proteins