

### Product Information

<b>Product SKU:</b>	RPCB0616	<b>Gene ID:</b>	2205	<b>Size:</b>	100µg
<b>Tag:</b>	C-hFc	<b>Reactivity:</b>	Human		

### Additional Information

<b>Expression Host:</b>	E. coli	<b>Swissprot:</b>	P12319-1
<b>Purity:</b>	> 95% by SDS-PAGE ; > 95% by HPLC		

### Protein Information

**Background:** Known susceptibility genes to atopy and asthma have been identified by linkage or associations with clinical phenotypes, including total serum IgE levels. IgE-mediated sensitivity reactions require a high-affinity IgE receptor (FcεRI), which immobilizes the immunoglobulin on the surface of the effector cells, mostly mast cells and basophils. Similarly to the previously investigated beta subunit of the receptor, FCER1A is a good candidate for a quantitative trait locus (QTL) in allergic diseases, and appears to participate in the systemic regulation of IgE levels.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Fc-epsilon RI-alpha/FCER1A Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the 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.