

Recombinant Rat Fc epsilon receptor Ia Protein, His tagged

Cat. No. FCER1A-2304R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FCER1A Protein with His tag was expressed in HEK293F.
Species	Rat
Source	HEK293
ProteinLength	24-200 aa
Description	Predicted to enable IgE binding activity and high-affinity IgE receptor activity. Predicted to be involved in several processes, including eosinophil degranulation; type 2 immune response; and type I hypersensitivity. Predicted to act upstream of or within several processes, including leukotriene biosynthetic process; positive regulation of immune effector process; and positive regulation of macromolecule metabolic process. Predicted to be located in cell surface and plasma membrane. Predicted to be active in external side of plasma membrane. Orthologous to human FCER1A (Fc epsilon receptor Ia).
Tag	C-His
Molecular Mass	23 kDa
AA Sequence	MDTGGSARLCLALVLISLGVMLTATQKSVVSLDPPWIRILTGDKVTLICNGNNSQMN STKWIHNDISISNVKSSHWVIVSATIQDSGKYICQKQGFYKSKPVYLNVMQEWSLLQS SADVVLNDSFDIRCRSWKKWKVHKVIYYKDDIAFKYSYDSNNISIRKATFNDSGSY HCTGYLNKVECKSDKFSIAVVKDYTIEYHHHHHHHH

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Endotoxin	< 1 EU/μg by LAL
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	Liquid in 25 mM Tris-Hcl, pH7.4, 150 mM NaCl, 0.05% DDM
Concentration	0.5 mg/mL

GENE INFORMATION

Gene Name	Fcer1a Fc epsilon receptor Ia [Rattus norvegicus (Norway rat)]
Official Symbol	FCER1A
Synonyms	FCER1A; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; high affinity immunoglobulin epsilon receptor subunit alpha; fcERI; alpha polypeptide; fc-epsilon RI-alpha; igE Fc receptor subunit alpha; Fc receptor, IgE, high affinity I, alpha polypeptide; Iger01; RATIGER01
Gene ID	25047
mRNA Refseq	NM_012724
Protein Refseq	NP_036856
UniProt ID	P12371

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