

## Product datasheet for **RC207585**

### **FCER1G (NM\_004106) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FCER1G (NM\_004106) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** FCER1G  
**Synonyms:** FCRG  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC207585 representing NM\_004106.  
**Blue**=ORF **Red**=Cloning site **Green**=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATTCCAGCAGTGGTCTTGCTTACTCCTTTGGTTGAACAAGCAGCGGCCCTGGGAGAGCCTCAG
CTCTGCTATATCCTGGATGCCATCCTGTTTCTGTATGGAATTGCCTCACCTCCTCTACTGTCGACTG
AAGGTAATCCAAGTGCAGAAAGGCAGCTATAACCAGCTATGAGAAATCAGATGGTGTTTACACGGCCTG
AGCACCAGGAACCAGGAGACTTACGAGACTCTGAAGCATGAGAAACCACCACAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Protein Sequence:** >Peptide sequence encoded by RC207585  
**Blue**=ORF **Red**=Cloning site **Green**=Tag(s)

```
MIPAVLLLLLLLVEQAAALGEPQLCYILDAILFLYGIVLTLLYCRLKVIQVRKAAITSYEKSDGVYTG
STRNQETYETLKHEKPPQ
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Recombinant protein using RC207585 also available, [TP307585](#)

**Chromatograms:** [https://cdn.origene.com/chromatograms/mg2536\\_f01.zip](https://cdn.origene.com/chromatograms/mg2536_f01.zip)

**Restriction Sites:** Sgfl-Mlul

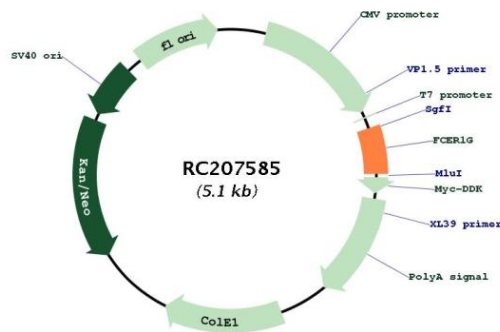


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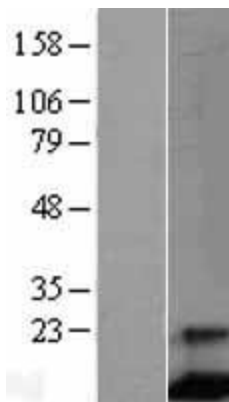


UniProt ID:	<a href="#">P30273</a>
Cytogenetics:	1q23.3
Domains:	ITAM
Protein Families:	Transmembrane
Protein Pathways:	Asthma, Fc epsilon RI signaling pathway, Natural killer cell mediated cytotoxicity
MW:	9.8 kDa
Gene Summary:	The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors. [provided by RefSeq, Jul 2008]

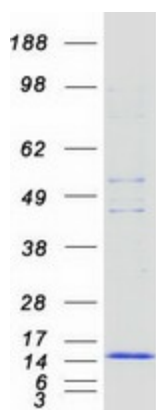
### Product images:



Circular map for RC207585



Western blot validation of overexpression lysate (Cat# [LY401326]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207585 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FCER1G protein (Cat# [TP307585]). The protein was produced from HEK293T cells transfected with FCER1G cDNA clone (Cat# RC207585) using MegaTran 2.0 (Cat# [TT210002]).