

## 32-8727: Recombinant Human Fc gamma RI/FCGR1A/CD64 (C-6His)(Discontinued)

**Gene :** FCGR1A

**Gene ID :** 2209

**Uniprot ID :** P12314

### Description

Source: Human Cells.

MW :31.7kD.

Recombinant Human Fc gamma RI is produced by our Mammalian expression system and the target gene encoding Gln16-Pro288 is expressed with a 6His tag at the C-terminus. CD64 (Fc gamma RI), one of the Fc receptors for IgG, is a membrane glycoprotein that mediates endocytosis, phagocytosis, antibody-dependent cellular cytotoxicity, cytokine release, and superoxide production. CD64 is also structurally distinct, containing an extracellular Ig-interactive region of three Ig-like domains in contrast to the two domains of the low affinity receptors Fc gamma RII and Fc gamma RIII. It is normally expressed on the surfaces of monocytes and macrophages.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** QVDTTKAVITLQPPWVSFQEETVTLHCEVLHLPSSSTQWFLNGTATQTSTPSYRITSASVNDSGEYRCQRGL  
SGRSDPIQLEIHRGWLLLQVSSRVFTEGEPLALRCHAWKDKLVYNVLYRNGKAFKFFHWNSNLTILKTNISHN  
GTYHCSGMGKHRYTSAGISVTVKELFPAPVLNASVTSPLEGNLVTLSKETKLLQRPGLQLYFSFYMGSKTLRG  
RNTSSEYQILTARREDSGLYWCEAATEDGNVLKRSPLELQVLGLQLPTPVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.