

Product datasheet for **TP727453**

CD64 (FCGR1A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Fc gamma RI/FCGR1A/CD64 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln16-Pro288
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human High affinity immunoglobulin gamma Fc receptor I is produced by our Mammalian expression system and the target gene encoding Gln16-Pro288 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	2209
UniProt ID:	P12314
Summary:	CD64 (Fc γ 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 γ RII and Fc γ RIII. It is normally expressed on the surfaces of monocytes and macrophages.



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