

Recombinant Mouse CD32 / FCGR2B Protein (His tag)

Cat.NO.: TP08041

3th Edition

Synonyms:AI528646;CD32;F630109E10Rik;Fcgr2;Fcgr2a;FcgRII;Fcr-2;Fcr-3;fcRII;Fc[g]RII;Ly-17;Ly-m20;LyM-1

Description:Receptors for Fc portion of IgG (Fc γ Rs) are members of the Ig superfamily, and are divided into three classes designated Fc γ RI (CD64), Fc γ RII (CD32), and Fc γ RIII (CD16). CD32 protein is a low affinity receptor for IgG that binds only IgG immune complexes and is expressed on a diverse range of cells such as monocytes, macrophages, neutrophils, eosinophils, platelets, and B cells. Human CD32 class is encoded by three closely related genes, and designated Fc γ RII A, B, and C which share 94-99% amino acid identity in their extracellular domains but differ substantially in their transmembrane and cytoplasmic domains. CD32 is involved in a number of immune responses including antibody-dependent cell-mediated cytotoxicity, clearance of immune complexes, release of inflammatory mediators, and regulation of antibody production.

Form:PBS

Molecular Weight:21.7 kDa

Sequences:Met 1-Arg 217

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 μ g of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.