

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.