

### 32-9663: Recombinant Human CD44/MIC4 (C-Fc)

**Alternative Name :** CD44 Antigen, CDw44, Epican, Extracellular Matrix Receptor III, ECMR-III, GP90 Lymphocyte Homing/Adhesion Receptor, HUTCH-I, Heparan Sulfate Proteoglycan, Hermes Antigen, Hyaluronate Receptor, Phagocytic Glycoprotein 1, PGP-1, Phagocytic Glycoprotein I, PGP-I, CD44, LHR, MDU2, MDU3, MIC4

#### Description

Source : Human Cells;

CD44 is a cell-surface receptor for hyaluronic acid and also interacts with other ligands, such as osteopontin, collagens, and matrix metalloproteinases. A large number of CD44 isoforms can be generated by the insertion of different combinations of at least nine exons. Increased CD44 antigen is associated with relapses in non-small cell lung cancers. Furthermore, an increasing quantity of evidence suggests that CD44 has various functions related to inflammatory disease. CD44 deficiency induces severe liver injury. CD44-hyaluronate mediates in lymphocyte T and monocyte adhesion to the endothelium, stimulates proinflammatory cytokine release from macrophages and participates in dedifferentiation phenotype of smooth muscle cells from contractile state to synthetic one.

#### Product Info

**Amount :** 500 µg / 50 µg

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

**Amino Acid :** Recombinant Human CD44 is produced by our Mammalian expression system and the target gene encoding Gln21-Pro220 is expressed with a Fc tag at the C-terminus.