Active Recombinant Mouse Cd44 Protein, Fc Chimera

Cat. No. Cd44-624M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd44 (Accession # NP_033981), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Gln25
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.When rmCD44 Fc Chimera is present at 1 μg/mL, the concentration of biotinylated hyaluronan that produces 50% of the optimal binding response is found to be approximately 15 - 60 ng/mL.
Molecular Mass	Recombinant Mouse Cd44, Fc Chimera has a calculated MW of 49.3 kDa (monomer). In SDS-PAGE migrates as 70-95 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	Cd44 CD44 antigen [Mus musculus]
Official Symbol	Cd44
Synonyms	CD44; CD44 antigen; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; lymphocyte antigen 24; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 lymphocyte homing/adhesion receptor; Ly-24; Pgp-1; HERMES; AU023126; AW121933; AW146109;
Gene ID	12505
mRNA Refseq	NM_001039150
Protein Refseq	NP_001034239
MIM	

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