

Product Information

Recombinant Human CD44, Fc tagged

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Catalog#	MK0122H
Product Name	Recombinant Human CD44, Fc tagged
Product Overview	Recombinant Human CD44 (P16070-1) (Met1-Pro220), fused with the Fc region of human IgG1 at the C-terminus, was produced in HEK293 cells.
Description	CD44, short for Cluster of Differentiation 44, is an adhesion molecule of the hyaluronate receptor family. It is expressed in a large number of mammalian cell types. The adhesive function of CD44, like other molecules involved in inducible adhesion, is tightly regulated. Post-translational modifications, isoform expression, aggregation state, and protein associations all can affect the ligand binding properties of CD44, and these can vary depending on the cell type and the activation state of the cell. The
Source	HEK293 cells
Species	Human
Tag	Fc
Formulation	Lyophilized from a sterile solution of PBS, pH 7.4, 5%~8% trehalose and mannitol.
Purity	>90% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant human CD44/Fc is a disulfide-linked homodimer. The reduced monomer comprises 441 amino acids and has a predicted molecular mass of 49.1 kDa. The apparent molecular mass of the protein is approximately 76 kDa in SDS-PAGE under reducing cond
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.