

Biotinylated Mouse CD74/DHLA G Protein (Primary Amine Labeling)

Cat. No. CD7-MM175B

Description

Source	Recombinant Biotinylated Mouse CD74/DHLA G Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the N-terminus. It contains Gln56-Leu279.
Accession	P04441-1
Molecular Weight	The protein has a predicted MW of 26.5 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CD74 (invariant MHC class II) regulates protein trafficking and is a receptor for macrophage migration inhibitory factor (MIF) and d-dopachrome tautomerase (d-DT/MIF-2). CD74 expression is increased in tubular cells and/or glomerular podocytes and parietal cells in human metabolic nephropathies, polycystic kidney disease, graft rejection and kidney cancer and in experimental diabetic nephropathy and glomerulonephritis.

Assay Data

Bis-Tris PAGE



Biotinylated Mouse CD74 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.