

Mouse CD74/DHLA Protein



Cat. No. CD7-MM175

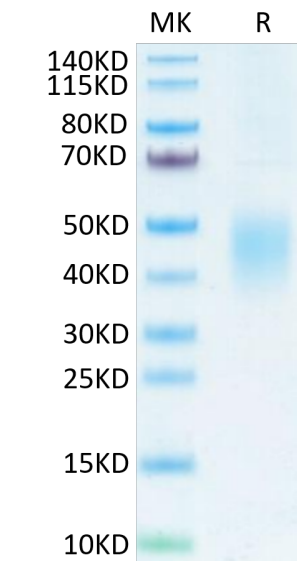
| Description | |
|------------------|--|
| Source | Recombinant Mouse CD74/DHLA Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Gln56-Leu279. |
| Accession | P04441-1 |
| Molecular Weight | The protein has a predicted MW of 26.5 kDa. Due to glycosylation, the protein migrates to 40-50 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 > 95% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|---|
| Formulation | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions. |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. 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



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

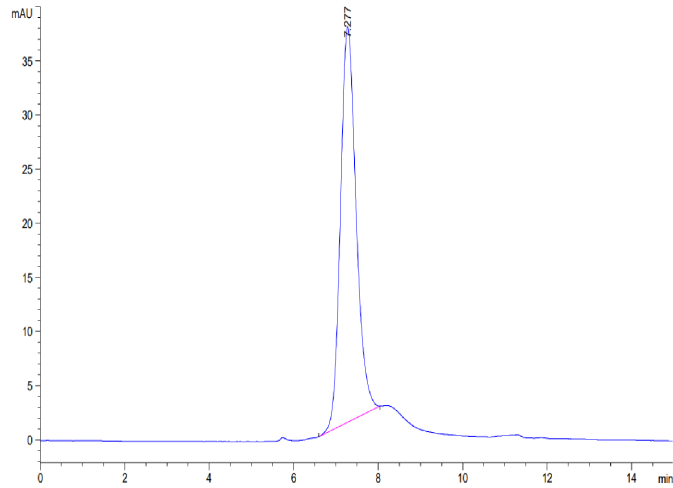
SEC-HPLC

Mouse CD74/DHLA9 Protein

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Assay Data



The purity of Mouse CD74 is greater than 95% as determined by SEC-HPLC.