

Mouse CD228/MFI2 Protein

Cat. No. MFI-MM128

Description

| | |
|-------------------------|---|
| Source | Recombinant Mouse CD228/MFI2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val20-Cys709. |
| Accession | Q9R0R1 |
| Molecular Weight | The protein has a predicted MW of 77.30 kDa. Due to glycosylation, the protein migrates to 78-80 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

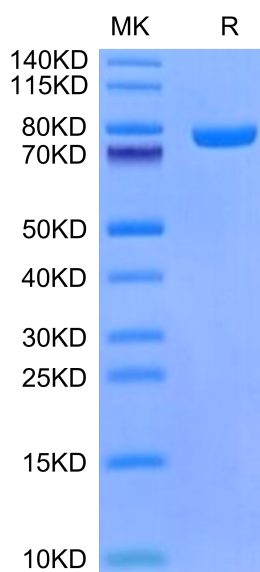
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Melanotransferrin (MTf) or melanoma tumor antigen p97 is a transferrin (Tf) homolog that is found predominantly bound to the cell membrane via a glycosyl phosphatidylinositol anchor. The molecule is a member of the Tf superfamily and binds iron through a single high-affinity iron(III)-binding site.

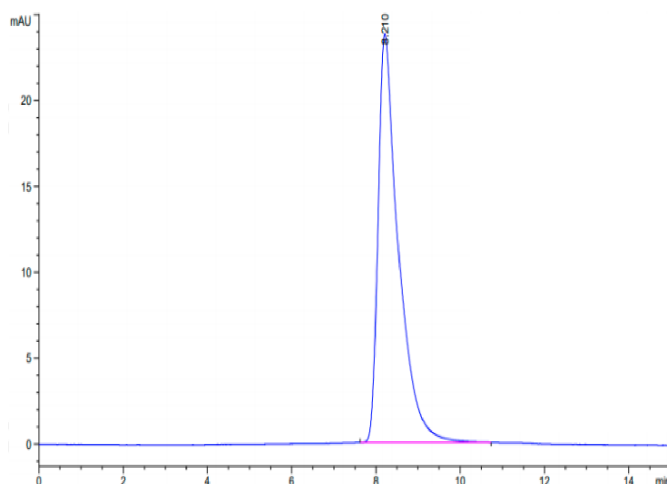
Assay Data

Bis-Tris PAGE



Mouse CD228 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse CD228 is greater than 95% as determined by SEC-HPLC.