

Rev04
 Update: Aug,20,2025

DATASHEET

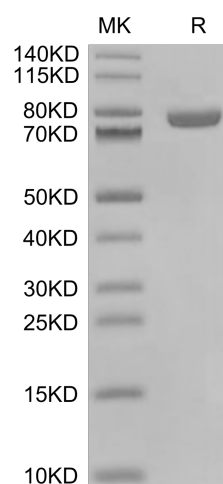
CD228/MFI2, His, Mouse

Cat. No.: Z06051

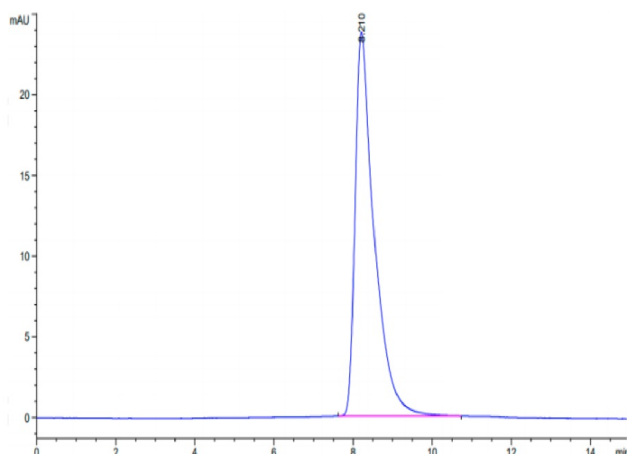
Product Introduction

Species	Mouse
Protein Construction	CD228/MFI2 (Val20-Cys709)_x000D_ Accession # Q9R0R1 His N-term C-term
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	77.30 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 78-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



CD228/MFI2, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CD228/MFI2, His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : CD228; MFI2; Melanotransferrin; MTf; FLJ38863; MAP97; MGC4856; MTF; MTF1; p97

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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