

Rev04
 Update: Aug,20,2025

DATASHEET

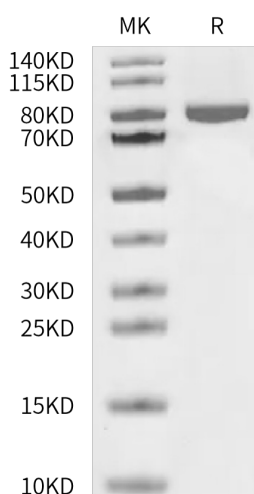
CD228/MFI2, His, Cynomolgus

Cat. No.: Z04761

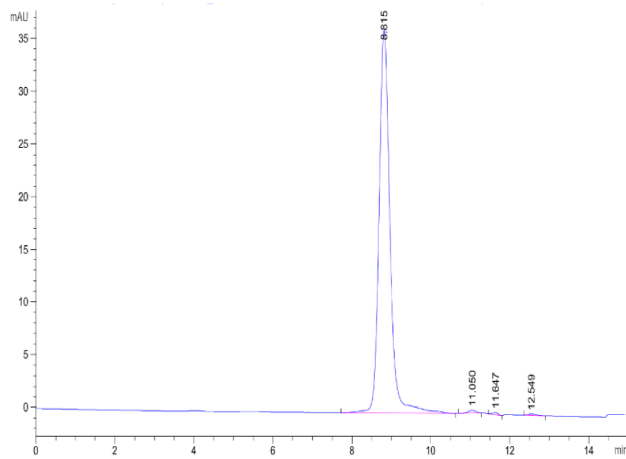
Product Introduction

Species	Cynomolgus
Protein Construction	CD228/MFI2 (Gly20-Cys709) Accession # XP_015300315.2 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	76.39 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 77-90 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm 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, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%



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

Background

Target Background : Melanotransferrin is typically overexpressed in melanoma cells compared to other cell types - including cancer cells - and is efficiently sorted and secreted with nanovesicles, or so-called exosomes, due to its membrane-anchoring by a glycosylphosphatidylinositol. Melanotransferrin is exposed on the surface of exosomes and is accessible for antibody recognition.

Synonyms : Melanotransferrin; CD228; MFI2; MELTF; MAP97; MFI2

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

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