

ADC Isotype Control Human IgG1 (MMAF) (MALS verified)

Catalog # DNP-C904P1



BIOSYSTEMS
Acro

Source

Human IgG1 Kappa Isotype Control (mAb) is a chimeric monoclonal antibody recombinantly expressed from HEK293, which combines the variable region of a mouse monoclonal antibody with Human constant domain.

DAR

4

Species

Human

Isotype

Human IgG1 | Human Kappa

Conjugate

MMAF

Antibody Type

Recombinant Monoclonal

Endotoxin

Less than 1.0 EU per μg by the LAL method / rFC method.

Purity

95% as determined by SDS-PAGE.

90% as determined by SEC-MALS.

Purification

Protein A purified / Protein G purified

Formulation

Lyophilized from a 0.22 μm -filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

For best performance, we strongly recommend following the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored in a lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

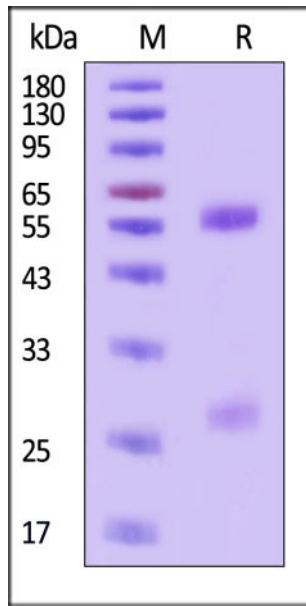
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

ACRO Quality Management System

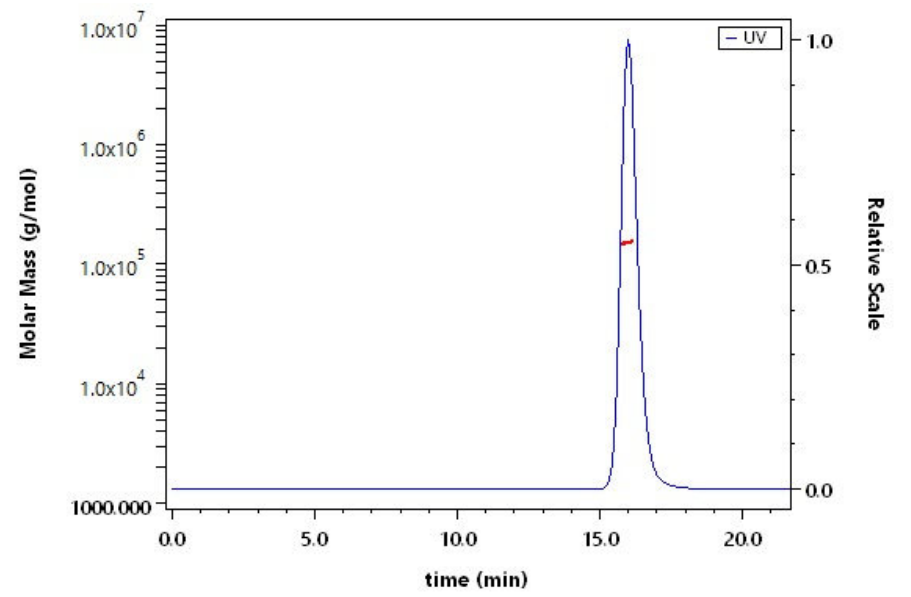
- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



ADC Isotype Control Human IgG1 (MMAF) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

SEC-MALS



The purity of ADC Isotype Control Human IgG1 (MMAF) (Cat. No. DNP-C904P1) is more than 90% and the molecular weight of this protein is around 135-165 kDa verified by SEC-MALS.

Background

MMAF (Monomethyl auristatin F) is an auristatin-derived microtubule inhibitor. With a mechanism of action similar to MMAE, it inhibits tumor cell proliferation by interfering with microtubule dynamics, yet exhibits superior water solubility and plasma stability with lower off-target toxicity. As a cytotoxic payload for ADCs, it is suitable for developing anti-tumor ADCs for MMAE-resistant cases or those requiring reduced systemic toxicity.

Discounts, Gifts,
and more!



www.acrobiosystems.com

