

Recombinant Human Complement component 3 Protein, His Tag

产品信息

产品名称	产品编号	规格
Recombinant Human Complement component 3 Protein, His Tag	94363ES60	100 µg
	94363ES76	500 µg

产品简介

Complement component 3 (C3), a pivotal molecule in the complement system, is an essential immune mediator in various diseases, including psoriasis. C3 deficiency promoted imiquimod-induced skin cell apoptosis and supported greater proportions of IFN-γ T cells in the inflamed tissues

性能参数

Synonyms	Complement C3;HSE-MSF;C3;CPAMD1;AHUS5;ARMD9;ASP;C3a;C3b;
Uniprot No.	P01024
Source	Recombinant Human Complement component 3 Protein is expressed from HEK293 cells with His tag at the C-terminal. It contains Ser23-Asn1663.
Molecular Weight	The protein has a predicted MW of 188.52 kDa. Due to enzyme lysis and glycosylation, the protein migrates to 67-68 kDa, 110-115 kDa and 140-160 kDa based on Tris-Bis PAGE result.
Purity	> 95% as determined by SDS-PAGE and HPLC.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 ug/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2 ~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

SDS-PAGE

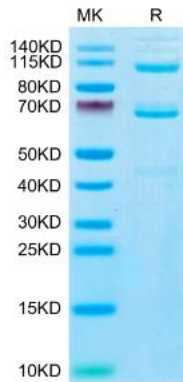


Figure 1. Human C3a on SDS-PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

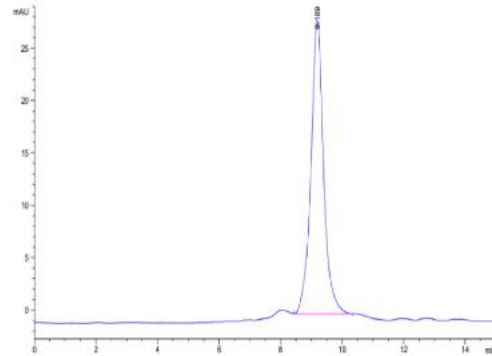


Figure 2. The purity of Human C3a is greater than 95% as determined by SEC-HPLC.