

Native Human C4a desArg

Cat. No. C4a desArg-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human C4a desArg was purified from normal human serum (shown by certified tests to be negative for HBsAg, HTLV-I/II, STS and for antibodies to HCV, HIV-1 and HIV-II).
Species	Human
Source	Normal human serum
Description	Natural human C4a is prepared by cleavage of human C4 protein by human C1s. It is produced during activation of both the classical and lectin pathways of complement. C4a is a member of the anaphylatoxin family of three proteins (C3a, C4a and C5a) produced by the activation of complement. Removal of the C-terminal arginine by serum carboxypeptidase N yields C4a desArg and destroys all biological activities of C4a. C4a desArg is an unglycosylated polypeptide containing 76 amino acids with a molecular mass of 8,603 daltons.
Form	Frozen liquid
AASequence	NVNFQKAINEKLGQYASPTAKRCCQDGVTRLPMMSCEQRAARVQQPDCREPFLS CCQFAESLRKKSRDKGQAGLQ
Molecular Mass	8,603 Da (single chain)
Extinction Coeff.	A276 nm = 0.456 at 1.0 mg/mL

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Purity	>95% by SDS-PAGE
Storage	At -70 centigrade or below. Avoid freeze/thaw.
Storage Buffer	HEPES buffered saline, pH 7.2 (No carrier proteins added)
Concentration	0.5 mg/mL
GENE INFORMATION	
Official Symbol	C4a desArg

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