

## Native Human C4A protein

Cat. No. C4A-158H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human C4A was purified from Human serum.
<b>Species</b>	Human
<b>Source</b>	Human Serum
<b>Form</b>	HEPES buffered saline, pH 7.2 (No carrier proteins added)
<b>Molecular Mass</b>	8,759 Da (single chain)
<b>Purity</b>	>95% by SDS-PAGE
<b>Notes</b>	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).
<b>Storage</b>	store at -70 centigrade or below. Avoid freeze/thaw.
<b>Concentration</b>	0.5 mg/mL (see Certificate of Analysis for the actual concentration)

### GENE INFORMATION

<b>Gene Name</b>	C4A complement component 4A (Rodgers blood group) [ Homo sapiens ]
<b>Official Symbol</b>	C4A

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Synonyms</b>	C4A; complement component 4A (Rodgers blood group); complement component 4A; complement C4-A; C4; C4A2; C4A3; C4A4; C4A6; C4B; C4S; CO4; CPAMD2; RG; acidic C4; C4A anaphylatoxin; Rodgers form of C4; acidic complement C4; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2; C4AD; MGC164979;
<b>Gene ID</b>	<a href="#">720</a>
<b>mRNA Refseq</b>	<a href="#">NM_001252204</a>
<b>Protein Refseq</b>	<a href="#">NP_001239133</a>
<b>MIM</b>	<a href="#">120810</a>
<b>UniProt ID</b>	<a href="#">P0C0L4</a>
<b>Chromosome Location</b>	6p21.3
<b>Pathway</b>	Activation of C3 and C5, organism-specific biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism-specific biosystem;
<b>Function</b>	endopeptidase inhibitor activity;

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