

## Product datasheet for **BA148**

### C1q (native) Human Protein

#### Product data:

Product Type:	Native Proteins
Description:	C1q (native) human protein, 1 mg
Species:	Human
Protein Source:	Serum
Concentration:	1.0 mg/ml (after reconstitution)
Purity:	>96% pure by SDS PAGE (Single band at 410kDa)
Buffer:	Presentation State: Purified State: Lyophilized protein Buffer System: 0.01M Na <sub>2</sub> EDTA, 0.3M NaCl, pH 7.5 Preservative: None Stabilizer: None
Reconstitution Method:	Restore with 1 ml of distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution. The solution may appear cloudy following reconstitution.
Preparation:	Lyophilized protein
Applications:	<b>ELISA.</b>
Protein Description:	Purified C1q from Human serum.
Note:	Caution: Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001334394</a>



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<b>Locus ID:</b>	712
<b>Cytogenetics:</b>	1p36.12
<b>Summary:</b>	This gene encodes the A-chain polypeptide of serum complement subcomponent C1q, which associates with C1r and C1s to yield the first component of the serum complement system. C1q deficiency is associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains which include 6 A-chains, 6 B-chains, and 6 C-chains. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]
<b>Protein Families:</b>	Secreted Protein
<b>Protein Pathways:</b>	Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus