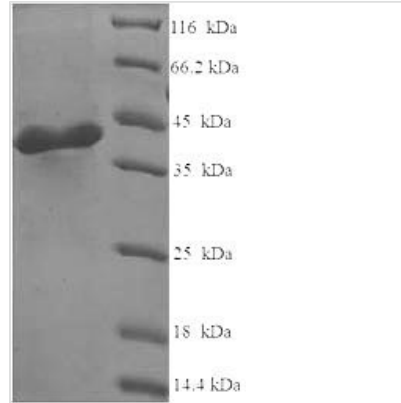




Recombinant Human Complement C1q subcomponent subunit A(C1QA)

Product Code	CSB-EP003637HU
Relevance	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca ²⁺ -dependent C1r2C1s2 proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02745
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EDLCRAPDGKKGEAGRPGRRGRPGLKGEQGEPEGAPGIRTGIQGLKGDQGE GPSGNPGKVGYPGSPGLGARGIPGIKGTGKSGPNIKDQPRPAFSAIRRNPP MGGNVVIFDVTITNQEEPYQNHSGRFVCTVPGYYYFTFQVLSQWEICLSIVSS RGQVRRSLGFCDTTNKGLFQVVSGGMVLQLQQGDQVWVEKDPKKGHIYQGS EADSVFSGFLIFPSA
Research Area	Immunology
Source	E.coli
Gene Names	C1QA
Expression Region	23-245aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	39.7kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.