



Recombinant Mouse Complement C1q subcomponent subunit A (C1qa)

Product Code	CSB-EP003637MO
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.
Abbreviation	Recombinant Mouse C1qa protein
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.	P98086
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	EDVCRAPNGKDGAPGNPGRPGRPGLKGERGEPGAAGIRTGIRGFKGDPGES GPPGKPGNVGLPGPSGPLGDSGPQGLKGVKGNPQNIRDQPRPAFSAIRQNP MTLGNVVIFDKVLTNQESPYQNHTGRFICAVPGFYFNFQVISKWDLCLFIKSS SGGQPRDSLFSNTNNKGLFQVLAGGTVLQLRRGDEVWIEKDKPAKGRIYQGT EADSIFSGFLIFPSA
Source	E.coli
Target 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	39.6kDa
Protein Length	Full Length of Mature Protein
Image	

