

Product datasheet for **AR50060PU-N**

Complement C8G (21-202, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Complement C8G (21-202, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MQKPQRPRRP ASPISTIQPK ANFDAQQFAG TWLLVAVGSA CRFLQEQGHR AEATTLHVAP QGTAMAVSTF RKLDGICWQV RQLYGDGTGVL GRFLLQARGA RGAVHVWVAE TDYQSFVAVLY LERAGQLSVK LYARSLPVSD SVLSGFQQRV QEAHLTEDQI FYFPKYGFCE AADQFHVLDV VRR
Tag:	His-tag
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human C8G protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000597
Locus ID:	733
UniProt ID:	P07360
Cytogenetics:	9q34.3
Synonyms:	Complement component C8 gamma chain



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Summary:

The protein encoded by this gene belongs to the lipocalin family. It is one of the three subunits that constitutes complement component 8 (C8), which is composed of a disulfide-linked C8 alpha-gamma heterodimer and a non-covalently associated C8 beta chain. C8 participates in the formation of the membrane attack complex (MAC) on bacterial cell membranes. While subunits alpha and beta play a role in complement-mediated bacterial killing, the gamma subunit is not required for the bactericidal activity. [provided by RefSeq, Jul 2011]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus

Product images: