

Complement Component 8, Gamma Human Recombinant

Item Number	rAP-3086
Synonyms	Complement component 8 gamma polypeptide, C8C, complement component C8 gamma chain, MGC142186.
Description	C8G Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (21-202) and having a molecular mass of 22.6 kDa. The C8G is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P07360
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQKPQRPRRP ASPISTIQPK ANFDAQQFAG TWLLVAVGSA CRFLQEQQGHR AEATTLHVAP QGTAMAVSTF RKLDGICWQV RQLYGDTGVL GRFLLQARGA RGAHVVAE TDYQSFAVLY LERAGQLSVK LYARSLPVSD SVLSGFEQRV QEAHLTEDQI FYFPKYGFCE AADQFHVLDE VRR
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The C8G solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.15M NaCl and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**