9051 Mira Mesa Blvd, #910094
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C8G Human

Complement Component 8, Gamma Human Recombinant
RCP0306

Product Overview

Name	C8G Human
Description	
Complement Component 8, Gamma Human Recombinant	
Accession (Primary)	P07360
Synonyms	
Complement component 8 gamma polypeptide, C8C, complement component C8 gamma chain, MGC142186.	
Introduction	
C8, a component of the complement system consists of three polypeptides C8A, C8B and C8G and takes part in the formation of Membrane Attack Complex (MAC). Patients with C8 deficiency are exposed to several bacteria infections. C8G, a member of the lipocalin family and calycin superfamily, is a secreted protein that can bind retinol. C8G is created in the liver, monocytes and fibroblast and has a role in clearing pathogens from an infected host.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The C8G solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.15M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M QKPQRPRRP ASPISTIQPK ANFDAQQFAG TWLLVAVGSA CRFLQEQGHR AEATTLHVAP QGTAMAVSTF RKLDGICWQV RQLYGDTGVL GRFLLQARGA RGAVHVVVAE TDYQSFAVLY LERAGQLSVK LYARSLPVSD SVLSGFEQRV QEAHLTEDQI FYFPKYGFCE AADQFHVLDE VRR	
Precautions	
C8G Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P07360)