9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3388: C8G Recombinant Protein

Alternative Name : Complement component 8 gamma polypeptide,C8C,complement component C8 gamma chain,MGC142186.

Description

Source : E.coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The C8G solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.15M NaCl and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MQKPQRPRRP ASPISTIQPK ANFDAQQFAG TWLLVAVGSA CRFLQEQGHR AEATTLHVAP QGTAMAVSTF RKLDGICWQV RQLYGDTGVL GRFLLQARGA RGAVHVVVAE TDYQSFAVLY LERAGQLSVK LYARSLPVSD SVLSGFEQRV QEAHLTEDQI FYFPKYGFCE AADQFHVLDE VRR

For Research Use Only. Not for use in diagnostic/therapeutics procedures.