

Recombinant Human C8G Protein, His tagged

Cat. No. C8G-0156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C8G Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-202 aa
Description	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.
Form	Sterile PBS, pH7.4, 0.5% SKL
Molecular Mass	22 kDa
AASequence	MGSSHHHHHHSSGLVPRGSHMQKPQRPRRPASPISTIQPKANFDAQQFAGTWLLV AVGSACRFLQEQQGHRAEATTLHVAPQGTAMAVSTFRKLDGICWQVRQLYGDTGVL GRFLLQARGARGAVHVVAETDYQSFVLYLERAGQLSVKLYARSLPVSDSVLSGF EQRVQEAHLTEDQIFYFPKYGFCEAADQFHVLDVRR

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Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA

GENE INFORMATION

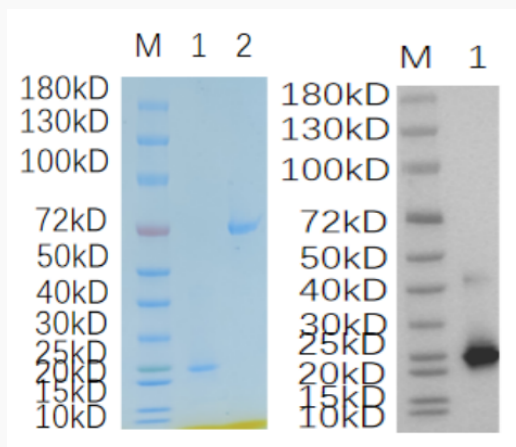
Gene Name	C8G complement component 8, gamma polypeptide [Homo sapiens (human)]
Official Symbol	C8G
Synonyms	C8G; complement component 8, gamma polypeptide; complement component C8 gamma chain; C8C; MGC142186
Gene ID	733
mRNA Refseq	NM_000606
Protein Refseq	NP_000597
MIM	120930
UniProt ID	P07360

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified C8G. 1. C8G: 1 µg 2. BSA: 1 µg