

C8G, 21-202 aa, Human, His tag, E.coli

Cat.NO.: TP01385

3th Edition

Synonyms: Complement component 8, gamma polypeptide, C8C.

Description: C8gamma, also known as C8G, is one of three polypeptides (along with C8 alpha and C8 beta) that constitutes C8, a component of the complement system. C8 participates in the formation of Membrane Attack Complex (MAC).

Form: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.15M NaCl.

Molecular Weight: 22.6 kDa (203aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMQKPQRPRRPASPISTIQPKANFDAQQFAGTWLLVAVGSACRFLQEQQGHRAEAT
TLHVAPQGTAMAVSTFRKLDGICWQVRQLYGDTGVLGRFLLQARGARGAVHVVVAETDYQSFAVLYLERAGQLSV
KLYARSLPVSDSVLSGFEQVRVQEAHLTEDQIFYFPKYGFCEAADQFHVLDEVRR

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.