

Recombinant Human C5 protein, GST-tagged

Cat. No. C5-502H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C5 protein(NP_001726)(1418-1676 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1418-1676 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	GSSHAVMDISLPTGISANEEDLKALVEGVDQLFTDYQIKDGHVILQLNSIPSSDFLCVR FRIFELFEVGFSLPATFTVYEYHRPDKQCTMFYSTSNIKIQKVCEGAACKCVEADCG QMQEELDLTISAETRKQTACKPEIAYAYKVSITSITVENVFVKYKATLLDIYKTGEAVA EKDSEITFIKKVTCTNAELVKGRQYLIMGKEALQIKYNFSFRYYPLDSLWIEWPRD TTCSSCQAFLANLDEFAEDIFLNGC
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

GENE INFORMATION**Gene Name**

C5 complement component 5 [Homo sapiens]

Official Symbol

C5

Synonyms

C5; complement component 5; complement C5; CPAMD4; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; FLJ17816; FLJ17822; MGC142298;

Gene ID

727

mRNA Refseq

NM_001735

Protein Refseq

NP_001726

MIM

120900

UniProt ID

P01031

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SDS-PAGE



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