

Recombinant Human C4A protein, His-tagged

Cat. No. C4A-3784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C4A protein(1017-1336 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1017-1336 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	YLAPTLAASRYLDKTEQWSTLPPETKDHAVDLIQKGYMRIQQFRKADGSYAAWLSR DSSTWLTAFVLKVLSLAQEQVGGSPKQLQETSNWLLSQQQADGSFQDPCPVLDRS MQGGLVGNDETVALTAFVTIALHHGLAVFQDEGAELKQRVEASISKANSFLGEIAS AGLLGAHAAAITAYALTTLKAPVDLLGVAHNNLMAMAQETGDNLYWGSVTGSQSNA VSPTQAPRNPSDPMQAPALWIETTAYALLHLLHEGKAEMADQAAAWLTRQGSFQ GGFRSTQDTVIALDALSAWIASHTTEERGLNVTLSSTGR
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

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cycles.

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.

GENE INFORMATION

Gene Name

C4A complement component 4A (Rodgers blood group) [Homo sapiens]

Official Symbol

C4A

Synonyms

C4A; complement component 4A (Rodgers blood group); complement component 4A; complement C4-A; C4; C4A2; C4A3; C4A4; C4A6; C4B; C4S; CO4; CPAMD2; RG; acidic C4; C4A anaphylatoxin; Rodgers form of C4; acidic complement C4; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2; C4AD; MGC164979;

Gene ID

720

mRNA Refseq

NM_001252204

Protein Refseq

NP_001239133

MIM

120810

UniProt ID

P0C0L4

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