

Recombinant Human C4A protein, T7/His-tagged

Cat. No. C4A-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C4a domain cDNA (756 – 757 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MTLHRNEYGIASILDSYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKDALTAIEKP TGDEQSSGCLNQLPA FLEELCHEKEILEKYGHSDCCSQSEEGRHNCFLAHKKPTP ASIPLFQVPEPVTSCAYEEDRETFMNKFIYEIAR RHPFLYAPTILLWAARYDKIIPSC CKAENAVECFQTKAATVTKELRESSGGSHHHHHHGSENLYFQGFNVNFQKA INEK LGQYASPTAKRCCQDGVTRLPMMRSCQRAARVQQPDCWEPFLSCCQFAESLRK KSRDKGQAGLQ
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name	C4A complement component 4A (Rodgers blood group) [Homo sapiens]
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Official Symbol	C4A
Synonyms	C4A; complement C4-A; C4; C4A2; C4A3; C4A4; C4A6; C4B; C4S; CO4; CPAMD2; RG; acidic C4; C4A anaphylatoxin; Rodgers form of C4; acidic complement C4
Gene ID	720
mRNA Refseq	NM_001252204
Protein Refseq	NP_001239133
MIM	120810
UniProt ID	P0C0L4
Chromosome Location	6p21.3
Pathway	Activation of C3 and C5, organism-specific biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism-specific biosystem;
Function	endopeptidase inhibitor activity;