

Recombinant Human C8A protein, His-tagged

Cat. No. C8A-756H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C8A protein(P07357)(31-584aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-584aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.8 kDa
AA Sequence	AATPAAVTCQLSNWSEWTD CFPCQDKKYRHRSL LQPNKFGGTICSGDIWDQASCS SSTTCVRQAQCGQDFQCKETGRCLKRHLVCNGDQDCLDGSEDDCEDVRAIDED CSQYEPIPGSQKAALGYNILTQEDAQSVYDASYYGGQCETVYNGEWRELRYDSTCE RLYYGDDEKYFRKPYNFLKYHFEALADTGISSEFYDNANDLLSKVKKDKSDSFGVTI GIGPAGSPLLVGVGVS H SQDTSFLNELN KYNEKKFIFTRIFTKVQTAHFKMRKDDIML DEGMLQSLMELPDQYNYGMYAKFINDYGYTHYITSGSMGGIYEYILVIDKAKMESLGIT SRDITTCFGGSLGIQYEDKINVGGGLSGDHCKKFGGGKTERARKAMAVEDIISRVRG GSSGWSGGLAQNRSTITYRSWGRSLKYNPVVIDFEMQPIHEVLRHTSLGPLEAKRQ NLRRALDQYLMEFNACRCGPCFNNGVPILEGTSRCRCQRLGSLGAACEQTQTEGA KADGSWSCWSSWSVCRAIGIQRERRRECDNPAPQNGGASCPGRKVQTQAC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	C8A complement component 8, alpha polypeptide [Homo sapiens]
Official Symbol	C8A
Synonyms	C8A; complement component 8, alpha polypeptide; complement component C8 alpha chain; complement component 8 subunit alpha;
Gene ID	731
mRNA Refseq	NM_000562
Protein Refseq	NP_000553
MIM	120950
UniProt ID	P07357

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