

Recombinant Human C7 protein, His-tagged

Cat. No. C7-2439H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C7 protein(310-690 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	310-690 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	GGEYRVLFYVDSEKLGKQNDNFNSVEEKCKSSGWHFVVKFSSHGCKELENALKAAS GTQNNVLRGEPFIRGGGAGFISGLSYLELDNPAGNKRRYSAWAESVTNLPQVIKQKL TPLYELVKEVPCASVKKLYLKWALEEYLDEFDPCHCRPCQNGGLATVEGTHCLCHC KPYTFGAACEQGVLVGNQAGGVDGGWSCWSSWSPCVQGKTRSRCCNPPPSG GGRSCVGETTESTQCEDEELEHLRLLLEPHCFPLSLVPTFCPSPPALKDGFVQDEG TMFPVGKNVYTCNEGYSLIGNPVARCGEDLRWLVGEMHCQKIACVLPVLMGDIQS HPQKPFYTVGEKVTVSCSGGMSLEGPSAFLCGSSLKWSPKMNARCVQ
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw 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	C7 complement component 7 [Homo sapiens]
Official Symbol	C7
Synonyms	C7; complement component 7; complement component C7;
Gene ID	730
mRNA Refseq	NM_000587
Protein Refseq	NP_000578
MIM	217070
UniProt ID	P10643

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