

Recombinant Human C5 Protein (G981-Q1306), His tagged

Cat. No. C5-0053H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-GG-C5 TE domain(human) (G981-Q1306) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	G981-Q1306
Description	Activation of C5 by a C5 convertase initiates the spontaneous assembly of the late complement components, C5-C9, into the membrane attack complex. C5b has a transient binding site for C6. The C5b-C6 complex is the foundation upon which the lytic complex is assembled.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	C5 complement component 5 [Homo sapiens (human)]
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Official Symbol	C5
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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;
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Gene ID	727
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mRNA Refseq	NM_001735
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Protein Refseq	NP_001726
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MIM	120900
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UniProt ID	P01031
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