

Recombinant Human C6, GST-tagged

Cat. No. C6-10553H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	586-934a.a.
Description	This gene encodes a component of the complement cascade. The encoded protein is part of the membrane attack complex that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	C6 complement component 6 [Homo sapiens]
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Official Symbol	C6
Synonyms	C6; complement component 6; complement component C6;
Gene ID	729
mRNA Refseq	NM_000065
Protein Refseq	NP_000056
MIM	217050
UniProt ID	P13671
Chromosome Location	5
Pathway	Complement Activation, Classical Pathway, organism-specific biosystem; Complement and Coagulation Cascades, 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; Innate Immune System, organism-specific biosystem;
Function	protein binding;