

Recombinant Full Length Human C6 Protein, GST-tagged

Cat. No. C6-2678HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C6 full-length ORF (AAH35723, 23 a.a. - 934 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	934 amino acids
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.[provided by RefSeq, Nov 2012]
Molecular Mass	125.84 kDa
AA Sequence	FCDHYAWTQWTSCSKTCNSGTQSRHRQIVVDKYYQENFCEQICSKQETRECNWQ RCPINCLLGDFGPWSDCDPCIEKQSKVRSVLRPSQFGGQPCTEPLVAFQPCIPSKLC KIEEADCKNKFRCDSGRCIARKLECNGENDCGDNSDERDCGRTKAVCTRKYNPIPS VQLMGNGFHFLAGEPRGEVLDNSFTGGICKTVKSSRTSNPYRVANLENVGFVQQT AEDDLKTDIFYKDLTSLGHNENQQGSFSSQGGSSFSVPIFYSSKRSENIHNSAFKQ AIQASHKKDSSFIRIHKVMKVLNFTTKAKDLHLSDVFLKALNHLPLEYNSALYSRIFDD FGTHYFTSGSLGGVYDILLYQFSSEELKNSGLTEEEAKHCVRIETKKRVLFAKKTKE HRCTTNKLSEKHEGSFIQGAEKISILIRGGRSEYGAALAWEKGSSGLEEKTFSEWLE

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SVKENPAVIDFELAPIVDLVRNIPCAVTKRNNLRKALQEYAAKFDPCQCACPNNGR
 PTLSGTECLCVCQSGTYGENCEKQSPDYKSNVAVDGGQWGCWSSWSTCDATYKRSR
 TRECNPAPQRGGKRCEGEKRQEEDCTFSIMENNGQPCINDDEEMKEVDLPEIEAD
 SGCPQPVPPENGFIRNEKQLYLVGEDVEISCLTGFETVGYQYFRCLPDGTWRQGDV
 ECQRTECIKPVVQEVLTITPFQRLYRIGESIELTCPKGFVVAGPSRYTCQGNWTPPI
 SNSLTCEKDTLTKLKGHCQLGQKQSGSECICMSPEEDCSHHSSEDLVCFDTSNDYF
 TSPACKFLAEKCLNNQQLHFLHIGSCQDGRQLEWGLERTRLSSNSTKKESCGYDTC
 YDWEKCSASTSKCVCLLPQCFKGGNQLYCVKMGSSSTSEKTLNICEVGTIRCANRK
 MEILHPGKCLA

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [C6 complement component 6 \[Homo sapiens \]](#)

Official Symbol [C6](#)

Synonyms C6; complement component 6; complement component C6;

Gene ID [729](#)

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mRNA Refseq	NM_000065
Protein Refseq	NP_000056
MIM	217050
UniProt ID	P13671

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