

Recombinant Human C6 Protein, GST-Tagged

Cat. No. C6-0098H **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	Wheat Germ
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 VQLMGNGFHFHLAGEPGEVLDNSFTGGICKTVKSSRTSNPYRVANLENVGFVQQT AEDDLKTDIFYKDLTSLGHNENQQGSFSSQGGSSFSVPIFYSSKRSENINHNSAFKQ AIQASHKKDSSFIRIHKVMKVLNFTTKAKDLHLSDVFLKALNHLPLEYNSALYSRIFDD FGTHYFTSGSLGGVYDILLYQFSSEELKNSGLTEEEAKHCVRIETKKRVLFAKKTKE HRCTTNKLSEKHEGSFIQGAEKSSILIRGGRSEYGAALAWEKSSGLEEKTFSEWLE SVKENPAVIDFELAPIVDLVRNIPCAVTKRNNLRKALQEYAAKFDPCQCPCPNNGR

 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

PTLSGTECLCVCQSGTYGENCEKQSPDYKSNAVDGQWGCWSSWSTCDATYKRSR
 TRECNNPAPQRGGKRCEGEKRQEEDCTFSIMENNGQPCINDDEEMKEVDLPEIEAD
 SGCPQPVPPENGFIRNEKQLYLVGEDVEISCLTGFETVGYQYFRCLPDGTWRQGDV
 ECQRTECIKPVVQEVLTITPFQRLYRIGESIELTCPKGFVVAGPSRYTCQGNSWTPPI
 SNSLTCEKDTLTKLKGHCQLGQKQSGSECICMSPEEDCSHHSEDLCVFDTDSNDYF
 TSPACKFLAEKCLNNQQLHFLHIGSCQDGRQLEWGLERTRLSSNSTKKESCGYDTC
 YDWEKCSASTSKCVCLLPQCFKGGNQLYCVKMGSSTSEKTLNICEVGTIRCANKR
 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

mRNA Refseq

NM_000065

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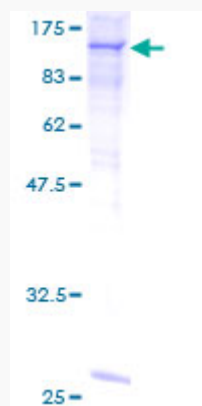
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Protein Refseq NP_000056

MIM 217050

UniProt ID P13671

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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