

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 VQLMGNGFHFHFLAGEPRGEVLDNSFTGGICKTVKSSRTSNPYRV PANLENVGFVQT AEDDLKTD FYKDLTSLGHNENQQGSFSSQGGSSFSVPIFYSSKRSENIHNNSAFKQ AIQASHKKDSSFIRIHKVMKVLNFTTKAKDLHLSDVFLKALNHLPLEYNSALYSRIFDD FGTHYFTSGSLGGVYDLLYQFSSEELKNSGLTEEEAKHCVRIETKKRVLFAKKTKE HRCTTNKLSEKHEGSFIQGAEKSSILIRGGRSEYGAALAWEKGSSGLEEKTFSEWLE

 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

SVKENPAVIDFELAPIVDLVRNIPCAVTKRNNLRKALQEYAAKFDPCQCAPCPNNGR
PTLSGTECLCVCQSGTYGENCEKQSPDYKSNVAVDGGQWGCWSSWSTCDATYKRSR
TRECNNPAPQRRGGKRCEGEKRQEEDCTFSIMENNGQPCINDDEEMKEVDLPEIEAD
SGCPQPVPPENGFIKNEKQLYLVGEDVEISCLTGFETVGYQYFRCLPDGTWRQGDV
ECQRTECIKPVVQEVLTITPFQRLYRIGESIELTCKPGFVVAGPSRYTCQGNSTWTPPI
SNSLTCEKDTLTKLKGHCQLGQKQSGSECICMSPEEDCSHHSEDLVFDTSNDYF
TSPACKFLAEKCLNNQQLHFLHIGSCQDGRQLEWGLERTRLSSNSTKKESCGYDTC
YDWEKCSASTSKCVCLLPQCCKGGNQLYCVKMGSSTSEKTLNICEVGTIRCANRK
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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