

Active Recombinant Human C1R protein, His-tagged

Cat. No. C1R-2666H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Complement C1r subcomponent Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Asp705) of human Complement C1r subcomponent (Accession #NP_001724.3) fused with a 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp705
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyloxy-Gly-Arg-ThioBenzyl ester (Z-GR-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB).The specific activity is >2828 pmol/min/µg, as measured under the described conditions.
Molecular Mass	23&38 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term.

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After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name	C1R complement component 1, r subcomponent [Homo sapiens]
Official Symbol	C1R
Synonyms	C1R; complement component 1, r subcomponent; complement C1r subcomponent;
Gene ID	715
mRNA Refseq	NM_001733
Protein Refseq	NP_001724
MIM	613785
UniProt ID	P00736

SDS-PAGE

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