

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 6×His 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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