



# Human C1r Enzyme (DAG4648)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Human C1r Enzyme
<b>Antigen Description</b>	C1r enzyme is the activated form of C1r proenzyme. C1r is a subunit of the C1 complex which is the first complement component in the classical pathway of complement. C1r proenzyme is an inactive zymogen until C1 is activated. C1r is activated when C1 bind
<b>Species</b>	Human
<b>Purity</b>	> 90% by SDS PAGE (Note: C1r enzyme is 92,000 unreduced, but upon reduction runs as 57,000 and 35,000 chains on SDS PAGE)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	immunogen
<b>Format</b>	Frozen liquid
<b>Concentration</b>	1.0 mg/ml (see Certificate of Analysis for actual concentration)
<b>Buffer</b>	10 mM Imidazole, 140 mM NaCl, 2 mM EDTA, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	C1r B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system.
<b>Keywords</b>	C1R; complement component 1, r subcomponent; complement C1r subcomponent;