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Datasheet for ABIN7505492

C4A Protein (AA 678-753) (GST tag)

Overview

Quantity:	100 µg
Target:	C4A (C4a)
Protein Characteristics:	AA 678-753
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This C4A protein is labelled with GST tag.

Product Details

Sequence:	Asn678-Arg753
Characteristics:	A DNA sequence encoding the Rat C4a protein (P08649) (Asn678-Arg753) was expressed with a N-GST.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	C4A (C4a)
Alternative Name:	C4a (C4a Products)
Background:	Background: Non-enzymatic component of C3 and C5 convertases and thus essential for the propagation of the classical complement pathway. Covalently binds to immunoglobulins and immune complexes and enhances the solubilization of immune aggregates and the clearance of IC through CR1 on erythrocytes.

Target Details

	Synonym: Complement C4
Molecular Weight:	34.6 kDa
UniProt:	P08649
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months