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Datasheet for ABIN7505809

Complement C4 Protein (AA 50-99) (His-SUMO Tag)

Overview

Quantity:	100 µg
Target:	Complement C4 (C4)
Protein Characteristics:	AA 50-99
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Complement C4 protein is labelled with His-SUMO Tag.

Product Details

Sequence:	Tyr50-Val99
Characteristics:	A DNA sequence encoding theRat OC/BGP protein (P04640) (Tyr50-Val99) was expressed with a N-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Complement C4 (C4)
Alternative Name:	Complement 4 (C4 Products)
Background:	Abbreviation: OC,BGP Target Synonym: Bone Gla protein,BGP,Gamma-carboxyglutamic acid-containing protein Background: Constitutes 1-2 % of the total bone protein. It binds strongly to apatite and calcium.

Target Details

Molecular Weight: Calculated MW: 16.6 kDa
 Observed MW: 28 kDa

UniProt: [P04640](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
 Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

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
