antibodies -online.com





CCL3 Protein (AA 27-92) (His tag)



Image



Go to Product page

\sim					
()	VE	۲۱	/1	\triangle	Λ

Quantity:	1 mg	
Target:	CCL3	
Protein Characteristics:	AA 27-92	
Origin:	Human	
Source:	Escherichia coli (E. coli)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CCL3 protein is labelled with His tag.	
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys)	
Product Details		
Sequence:	ADTPTACCFS YTSRQIPQNF IADYFETSSQ CSKPGVIFLT KRSRQVCADP SEEWVQKYVS DLELSA	
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a	
Characteristics:	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a	

UniProt:

	In the unlikely event that the protein cannot be expressed or purified we do not charge anything
	(other companies might charge you for any performed steps in the expression process for
	custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression
	experiments or purification optimization).
	When you order this made-to-order protein you will only pay upon receival of the correctly
	folded protein. With no financial risk on your end you can rest assured that our experienced
	protein experts will do everything to make sure that you receive the protein you ordered.
	The concentration of our recombinant proteins is measured using the absorbance at 280nm.
	The protein's absorbance will be measured in several dilutions and is measured against its
	specific reference buffer.
	The concentration of the protein is calculated using its specific absorption coefficient. We use
	the Expasy's protparam tool to determine the absorption coefficient of each protein.
Purification:	Two step purification of proteins expressed in bacterial culture:
	1. In a first purification step, the protein is purified from the cleared cell lysate using three
	different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate
	fractions are analyzed by SDS-PAGE.
	2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and
	Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 μm filtered
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade:	Crystallography grade
Target Details	
Target:	CCL3
Alternative Name:	CCL3 (CCL3 Products)
Background:	Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5.
	One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha
	induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian
	immunodeficiency virus (SIV). {ECO:0000269 PubMed:8525373}.
Mologular Weight	8.4 kDa Including tag
Molecular Weight:	8.4 kDa Including tag.

P10147

Pathways:

Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies	
	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee	
	though.	

Comment:

In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C.	
Expiry Date:	Unlimited (if stored properly)	

Images

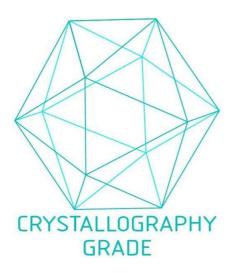


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process