

## CCL6 Protein, Rat (N-His)

Cat. No.:	HY-P700281
Synonyms:	Ccl6C-C motif chemokine 6; Small-inducible cytokine A6
Species:	Rat
Source:	E. coli
Accession:	Q68FP3 (G22-A115)
Gene ID:	287910
Molecular Weight:	Approximately 12 kDa

### PROPERTIES

AA Sequence	<p>           G L I Q D T V K E D      R P F N P T I I H Q      G F Q D S S D C C F      S Y A S Q I P C S R            F I Y Y F P T S G G      C T K P G I I F V T      R K R K R V C A N P      S D Q R V Q T C I S            T L K L G P R S G N      S A I A         </p>
Biological Activity	Measured in a cell proliferation assay using HUVEC cells. The ED <sub>50</sub> for this effect is 15.84 ng/mL, corresponding to a specific activity is 6.313×10 <sup>4</sup> units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	<p>CCL6 protein is a member of the intercrine beta (chemokine CC) family, placing it within a group of chemokines known for their involvement in intercellular communication and immune responses. As part of the intercrine beta family, CCL6 likely plays a significant role in modulating inflammatory processes and cellular interactions. Further exploration is necessary to unveil the specific functions and implications of CCL6 within the broader context of the chemokine CC family, shedding light on its importance in mediating immune responses and contributing to the dynamic network of intercellular signaling.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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