

## CCL25 Protein, Human, Recombinant

## General Information

Synonyms:	CCL25;TECK;Small-inducible cytokine A25;Thymus-expressed chemokine;SCYA25;C-C motif chemokine 25;Chemokine TECK
Protein Construction:	24-150 aa
Species:	Human
Expression Host:	E. coli
Accession:	O15444
Molecular Weight:	14.3 kDa (Predicted)
AA Sequence:	M+QGVFEDCCLAYHYPIGWAVLRRRAWTYRIQEVSGSCNLPAAIIFYLPKRHRKVCGNPKSREVQRAMKLLDAR NKVFAKLHHNTQTFQAGPHAVKKLSSGNSKLSKFSNPISSSKRNVSLLISANSGL

## QC Testing

Biological Activity:	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration range of 1.0-10 ng/ml.
Purity:	>97% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 $\mu$ m filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.

## Preparation and Storage

## Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100  $\mu$ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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