

## Thymus Expressed Chemokine Mouse Recombinant (CCL25)

<b>Item Number</b>	rAP-0273
<b>Synonyms</b>	C-C motif chemokine 25, Small-inducible cytokine A25, Thymus-expressed chemokine, Chemokine TECK, CCL25, SCYA25, TECK, Ckb15, MGC150327.
<b>Description</b>	TECK Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 121 amino acids and having a molecular mass of 14.1kDa. The TECK is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O35903
<b>Amino Acid Sequence</b>	QGAFEDCCLG YQHRIKWNL RHARNYHQQE VSGSCNLRAV RFYFRQKVVC GNPEDMVNVKR AIRIL-TARKR LVHWKSASDS QTERKKSNSHM KSKVENPNST SVRSATLGH P R M V M M P R K T N N
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TECK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TECK should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Filtered (0.2μm) and lyophilized from a concentrated (1mg/ml) solution in 1×PBS, pH7.4. Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized TECK in sterile 18M-cm H <sub>2</sub> O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Determined by its ability to chemoattract human CCR9 transfected BaF3 mouse pro-B cells using a concentration range of 0.1-0.5 ug/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**