

TECK (CCL25), human recombinant

CATALOG #:	7214-10	10 µg
	7214-50	50 µg
ALTERNATE NAMES:	Thymus Expressed Chemokine, CCL25	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	14.2 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1 EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Acetic acid.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION:

TECK is a CC chemokine, specifically expressed by thymic stromal cells, and signals through the CCR9 receptor. TECK is chemotactic towards activated macrophages, thymocytes and dendritic cells. Recombinant human TECK is a 14.2 kDa protein containing 127 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

AMINO ACID SEQUENCE:

QGVFEDCCLA YHYPIGWAVL RRAWTYRIQE VSGSCNLPAA IFYLPKRHRK
VCGNPKSREV QRAMKLLDAR NKVFAKLHHN MQTFQAGPHA VKKLSSGNSK
LSSSKFSNPI SSSRKNVSLI ISANSGL

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.

RELATED PRODUCTS:

- Eotaxin-2/CCL24, murine recombinant (**Cat. No. 7137-10, -50**)
- Eotaxin-2/CCL24, human recombinant (**Cat. No. 4497-20, -1000**)
- Eotaxin/CCL11, human recombinant (**Cat. No. 4028-20, -100, -1000**)
- Eotaxin/CCL11, murine recombinant (**Cat. No. 4029-10, -1000**)
- Eotaxin/CCL11 Antibody (**Cat. No. 5029-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.

