



Recombinant Human TECK (CCL25)

20200326DS



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-102
Size:	20 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	6370
Synonyms:	CCL25; TECK; Ckb15; SCYA25

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.

Sequence

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

Database References

Protein RefSeq:	NP_005615.2
Uniprot ID:	O15444
mRNA RefSeq:	NM_005624

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	127
MW:	14.2 kDa



AVOID REPEATED FREEZE AND THAW CYCLES!

Biological Activity: Determined by its ability to bind CCR9 receptor expressed on the surface of MOLT4 cells.