

GFH42

Recombinant Human TARC / CCL17

Description

Thymus and Activation Regulated Chemokine (TARC), also known as CCL17, is a chemokine that is constitutively produced by thymus tissue and activated peripheral blood mononuclear cells (PBMCs), including dendritic cells. TARC signals through the CCR4 receptor to induce chemotaxis of Type 2 T helper (Th2) cells. TARC is important in asthma and allergic diseases, along with bacterial and viral infections.

Length	71 aa
Molecular Weight	8.1 kDa
Source	E. coli
Accession Number	Q92583
Purity	≥95% determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names	Thymus and Activation Regulated Chemokine, CCL17, ABCD-2, SCYA17
Biological Activity	Activity to be determined.
Endotoxin Level	≤1.00 EU/μg as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
AA Sequence	ARGTNVGRGC CLEYFKGAIP LRKLTWYQT SEDCSRDAIV FVTVQGRAIC SDPNNKRKVN AVKYLQSLER S

Preparation and Storage

Reconstitution	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.