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**Recombinant Human C-C Motif Chemokine 26/CCL26(27-94) Protein****Cat.NO.: TP05634**

3th Edition

**Synonyms:**C-C Motif Chemokine 26; CC Chemokine IMAC; Eotaxin-3; Macrophage Inflammatory Protein 4-Alpha; MIP-4-Alpha; Small-Inducible Cytokine A26; Thymic Stroma Chemokine-1; TSC-1; CCL26; SCYA26

**Description:**Chemokine (C C Motif) Ligand 26 (CCL26) is a novel small cytokine belonging to the CC chemokine family, which involved in immunoregulatory and inflammatory processes. CCL26 is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. It specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. Eotaxin-3/CCL26, along with Eotaxin-1 and Eotaxin-2, selectively activates the CC chemokine receptor 3 (CCR3). The Eotaxin-3-CCR3 interaction may play an important role in allergic diseases such as atopic dermatitis and bronchial asthma. The full-length cDNA for Eotaxin-3 encodes a protein of 94 amino acids with a putative signal peptide of either 23 or 26 amino acid residues. Both the 71 and 68 amino acid residue variants of recombinant Eotaxin-3 demonstrate equal potency in inducing chemotaxis of a human CCR3-transfected cell line. Unlike most other CC chemokines, Eotaxin-3 maps to human chromosome 7q11.2, within 40 kilobases of the Eotaxin-2 loci. Eotaxin-3 and Eotaxin-2 are unique in that they are the only chemokines identified to date that map to chromosome 7.

**Form:**PBS

**Molecular Weight:**8.2 kDa

**Sequences:**Ser27-Leu94

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.