

Recombinant Human Chemokine (C-C motif) Ligand 26

Cat. No. CCL26-468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCL26 was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. MW: 8.5 kDa.
Species	Human
Source	E.coli
ProteinLength	24-94aa
Description	CCL26 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine. This protein is involved in immunoregulatory and inflammatory processes. It is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells.
Form	Liquid. In Phosphate Buffered Saline pH 7.4 containing 10% glycerol.
Molecular Mass	8.5 kDa (72aa), confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher).
AA Sequence	MTRGSDISKTC CFQYSHKPL PWTWVRSYEF TSNSCSQRAV IFTTKRGKKV CTHPRKKWVQ KYISLLKTPK QL
Endotoxin	< 1.0 eu per 1 µg of protein (determined by lal)

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CCL26 chemokine (C-C motif) ligand 26 [Homo sapiens]
Official Symbol	CCL26
Synonyms	CCL26; chemokine (C-C motif) ligand 26; SCYA26, small inducible cytokine subfamily A (Cys Cys), member 26; C-C motif chemokine 26; CC chemokine IMAC; chemokine N1; eotaxin 3; IMAC; macrophage inflammatory protein 4 alpha; MIP 4a; MIP 4alpha; small inducible cytokine A26; thymic stroma chemokine 1; TSC 1; eotaxin-3; MIP-4-alpha; thymic stroma chemokine-1; small-inducible cytokine A26; macrophage inflammatory protein 4-alpha; small inducible cytokine subfamily A (Cys-Cys), member 26; TSC-1; MIP-4a; SCYA26; MIP-4alpha; MGC126714;
Gene ID	10344
mRNA Refseq	NM_006072
Protein Refseq	NP_006063
MIM	604697

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UniProt ID	Q9Y258
Chromosome Location	7q11.2
Pathway	Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL4-mediated signaling events, organism-specific biosystem;
Function	chemokine activity;

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