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Datasheet

CCL11 (Human) Recombinant Protein

Catalog Number: P3603

Regulation Status: For research use only (RUO)

Product Description: Human CCL11 (P51671, 1 a.a. - 97 a.a.) full-length recombinant protein. expressed in *Escherichia coli*.

Sequence:
MKVSAALLWLLLIAAAFSPQGLAGPASVPTTCCFNLAN
RKIPLQRLESYRRITSGKCPQKAVIFKTKLAKDICADPK
KKWVQDSMKYLDQKSPTPKP

Host: Escherichia coli

Theoretical MW (kDa): 9

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purification: Ion exchange column and HPLC reverse phase column

Purity: > 90% by SDS-PAGE and HPLC

Endotoxin Level: < 0.1 ng/ug (1 EU/ug)

Activity: Activity was determined by the ability to induce chemotaxis of purified eosinophils at concentrations ranging between 50-100 ng/mL.

Storage Buffer: Lyophilized from PBS solution, pH 7.4.

Storage Instruction: Store at 4°C on dry atmosphere. After reconstitution with 20 uL of deionized (sterilized) water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6356

Gene Symbol: CCL11

Gene Alias: MGC22554, SCYA11

Gene Summary: This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil specific chemokine assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq]