Recombinant Human CCL16/HCC-4 Protein(Trx Tag)

Catalog Number: PDEH100618

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

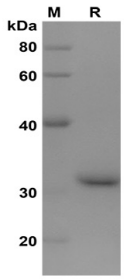
Description

Species	Human
Source	E.coli-derived Human CCL16/HCC-4 protein Gln24-Gln120, with an N-terminal Trx
Calculated MW	30.5 kDa
Observed MW	31 kDa
Accession	O15467
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Human CCL16/HCC-4 proteins, 2μg/lane of Recombinant Human CCL16/HCC-4 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 31 KD

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com

CCL16/HCC-4, a chemokine poorly characterized at the functional level. Human CCL16/HCC-4 is a member of the CC family, and its gene maps to human chromosome 17q. In the mouse, only a pseudogene has been identified to date. CCL16/HCC-4 is a functional ligand for CCR1, CCR2, CCR5, and CCR8. Recombinant CCL16/HCC-4 demonstrated chemotactic activity on human monocytes and lymphocytes. Based on the ability of human chemokines to exert activity on and bind to murine receptors, the TSA mouse adenocarcinoma cell line was transfected with human CCL16/HCC-4 cDNA and, in comparison with other cytokines, was shown to be the faster inducer of systemic immune response due to massive, prompt infiltration of leukocytes.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com