Recombinant Human CCL25

Cat No:HR2R1239

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL25
Gene ID	6370
Accession	O15444
Alternative Name	C-C motif chemokine 25, Chemokine TECK, Small-inducible cytokine A25, SCYA25, TECK Recombinant Human Thymus-Expressed Chemokine (CCL25)
Species	Human
Source	E. coli
Description	CCL25 is constitutively expressed in epithelium and mucosal vessels in the small bowel, where it interacts with gut-homing B and T cells expressing its receptor, CCR9.
Functions	Activity was determined by the ability to induce chemotaxis of purified human monocytes at concentrations ranging between 2-10 ng/mL.
Formulation	Recombinant CCL25 was lyophilized from PBS pH 7.4.
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	14
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8? C for one month, or at -20? C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.