

Recombinant Human Eotaxin (CCL11)

Cat No:HR2R1349

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL11
Gene ID	6356
Accession	P51671
Alternative Name	SCYA11, C-C motif chemokine 11, Eosinophil chemotactic protein, Small-inducible cytokine A11
Species	Human
Source	E. coli
Description	Eotaxin belongs to the platelet factor-4 family of chemokines. The gene symbol is SCYA11. The factor is being referred to also as Eotaxin-1 and has been renamed CCL11. Eotaxin induces substantial accumulation of eosinophils in the skin without significantly affecting the accumulation of neutrophils. Eotaxin is a potent stimulator of both guinea pig and human eosinophils in vitro. The Eotaxin receptor is a G-protein-coupled receptor selectively expressed in human eosinophils.
Functions	Activity was determined by the ability to induce chemotaxis of purified eosinophils at concentrations ranging between 50-100 ng/mL.
Formulation	Recombinant Eotaxin-1 was is lyophilized from as 0.2 ?m filtered concentrated (1.0 mg/mL) PBS solution, 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	9
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.