

Recombinant Human Eotaxin-2 (CCL24)

Cat No:HR2R1351

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL24
Gene ID	6369
Accession	O00175
Alternative Name	CCL24, C-C motif chemokine 24, CK-beta-6, Eosinophil chemotactic protein 2, Myeloid progenitor inhibitory factor 2, MPIF-2, Small-inducible cytokine A24
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-2 was lyophilized from 0.2 ?m filtered concentrated (1.0mg/mL) solution in 100m M NaCl, 10 mM PB, pH 7.0.
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	The lyophilized protein is stable for at least one year from date of receipt at -70°C. 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.