

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 | |
| 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. |