

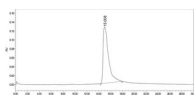
Product Name: Recombinant Human Chemerin (C-6His)
Catalog #: PHH1430



Summary

Name	Chemerin/Retinoic acid receptor responder protein 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Retinoic Acid Receptor Responder Protein 2 is produced by our Mammalian expression system and the target gene encoding Glu21-Ser157 is expressed with a 6His tag at the C-terminus.
Accession #	Q99969
Host	Human Cells
Species	Human
Predicted Molecular Mass	16.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Alternative Names	Retinoic acid receptor responder protein 2; Chemerin; RAR-responsive protein TIG2; Tazarotene-induced gene 2 protein; RARRES2; TIG2
Background	Retinoic acid receptor responder protein 2(RARRES2) is a secreted protein that in humans is encoded by the RARRES2 gene. It is highly expressed in skin, also found in pancreas, liver, spleen, prostate, ovary, small intestine and colon. It is a chemoattractant protein that acts as a ligand for the G protein-coupled receptor

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CMKLR1. RARRES2 is secreted in an inactive form as prochemerin and is activated through cleavage of the C-terminus by inflammatory and coagulation serine proteases. It is thought to act as a cell surface receptor, found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. RARRES2 is inhibited in psoriatic lesions, it is activated by tazarotene in skin rafts and in the epidermis of psoriatic lesions.

Note

For Research Use Only , Not for Diagnostic Use.