

Datasheet for ABIN6700481

Chemerin Protein[Go to Product page](#)**1** Image

Overview

Quantity:	25 µg
Target:	Chemerin (RARRES2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Chemerin Recombinant Protein
Purification:	Chemerin purity was determined to be greater than 98% as determined by analysis by HPLC, UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by its ability to chemoattract human Chem23R transfected BaF3 mouse pro-B cells and is typically 4-20 ng/mL.

Target Details

Target:	Chemerin (RARRES2)
Alternative Name:	RARRES2 (RARRES2 Products)
Background:	Synonyms: Tazarotene-induced gene 2 (TIG2), RARRES2 Background: Chemerin is a chemoattractant expressed in white adipose, liver and lung tissues.

Target Details

Chemerin is a ligand for the G-protein coupled receptor known as ChemR23 (or chemokine-like receptor-1), which is expressed mainly on dendritic cells, macrophages and some adipocytes. Recombinant human Chemerin is a non-glycosylated protein, containing 138 amino acids, with a total molecular weight of 16 kDa.

UniProt: [Q99969](#)

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: Other: User Optimized
Application_Note: Chemerin Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Chemerin in immunological assays.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)
Reconstitution_Volume: 25 μ L (25-250 μ L)

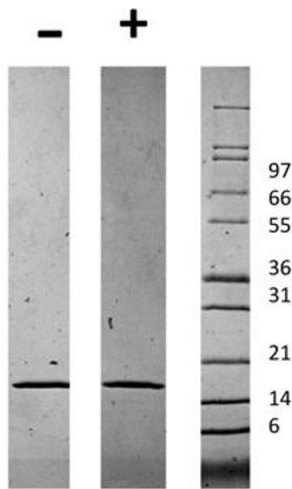
Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months



SDS-PAGE

Image 1. SDS-PAGE of Human Chemerin Recombinant Protein. Lane 1: 1 μ g Human Chemerin Recombinant Protein in non-reducing conditions. Lane 2: 1 μ g Human Chemerin Recombinant Protein in reducing conditions (+). Lane 3: Molecular weight marker. Human Chemerin has a predicted MW of 15.6 kDa.