

Chemerin, Human Recombinant

CATALOG #:	4002-25	25 µg
	4002-100	100 µg
	4002-1000	1 mg
ALTERNATE NAMES #:	Tazarotene-induced gene 2, TIG2, RARRES2, Chemerin	
SOURCE:	<i>E. coli</i>	
PURITY:	≥ 95% by SDS-PAGE. Endotoxin level is < 0.1 EUs/µg	
MOLECULAR WT:	Monomer, 16 kDa (138 amino acids).	
FORM:	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% TFA.	

RECONSTITUTION: Sterile water at 0.1 mg/ml. Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 °C and avoid repeat freeze thaws.

STORAGE CONDITIONS: The lyophilized human Chemerin is very stable at -20 °C. 12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4 °C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.

DESCRIPTION: Chemerin is a chemoattractant expressed in white adipose, liver and lung tissues. 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, produced in *E.coli*, is a non-glycosylated protein containing 138 amino acids and having a total molecular mass of 16 kDa.

AMINO ACID SEQUENCE:
MELTEAQRRLQVALEEFHK HPPVQWAFQE TSVESAAVDTP FPAGIFVRL FKLQQTSRK
RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAAE HGETQCLRVQ
RAGEDPHSFY FPGQFAFS

FOR RESEARCH USE ONLY! Not to be used on humans.

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