Recombinant Human Chemerin/RARRES2 Protein

RPCB1369

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	**Tag:**	C-hFC
Reactivity:	Human	**Expressed Host:**	HEK293 cells
Calculated MW:	41.84 kDa	**Observerd MW:**	45-55 kDa

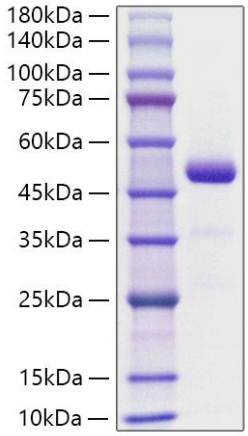
Background

Retinoic acid receptor responder protein 2 (RARRES2) is a small secreted protein involved in multiple cancers, including adrenocortical carcinoma (ACC). Serum RARRES2 may be used as a novel prognostic marker for ACC. Retinoic acid receptor responder 2 (RARRES2) is transcriptionally downregulated in multiple cancer types. Previous studies suggested that it can serve as an immune-dependent tumor suppressor by acting as a chemoattractant to recruit anticancer immune cells expressing its receptor, the chemerin chemokine receptor 1 (CMKLR1), to sites of tumor. Mechanistically, RARRES2 overexpression in ACC cells inhibited Wnt/beta-catenin pathway activity by promoting beta-catenin phosphorylation and degradation, it also inhibited the phosphorylation of p38 mitogen-activated protein kinase. Thus RARRES2 is a novel tumor suppressor for ACC, which can function through an immune-independent mechanism.

Properties

Synonyms:	TIG2, HP10433, RARRES2
Gene ID:	5919
Endotoxin:	< 0.01 EU/µg of the protein by LAL method
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Chemerin/RARRES2 Protein (RPCB1369), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Human Chemerin/RARRES2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.