Human CCL27, Tag Free Protein

HA211133

Product name:	Human CCL27, Tag Free
Species reactivity:	Human
Protein construction description:	A DNA sequence encoding the human CCL27 protein (Q9Y4X3) (Phe 25-Gly 112) was expressed with tag free.

Background: C-C motif chemokine ligand 27 is a protein that in humans is encoded by the CCL27 gene. This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. CCL27 is associated with homing of memory T lymphocytes to the skin, and plays a role in T cell-mediated inflammation of the skin. CCL27 is expressed in numerous tissues, including gonads, thymus, placenta and skin. It elicits its chemotactic effects by binding to the chemokine receptor CCR10. The gene for CCL27 is located on human chromosome 9. Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per μg by the LAL method.

Fragment region: CCL27 (25-112)

Source: HEK293

Accession: Q9Y4X3

Predicted molecular mass: 10.9 kD

Formulation: Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 μg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Images

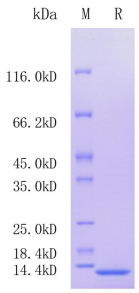

Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".