

Recombinant Swine CCL11

Cat. No. CCL11-149S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Swine CCL11 protein was expressed in Yeast and purified by using Ion-exchange chromatography, 8.9 kDa (79 aa).
Species	Pig
Source	Yeast
Description	CCL11 is a small cytokine belonging to the CC chemokine family that is also known as eotaxin-1. CCL11 selectively recruits eosinophils by inducing their chemotaxis, and therefore, is implicated in allergic responses.
Sequences Of Amino Acids	FPMFKAGRCL CIGPGVKAVK VADIEKVSII HPSNNCDKTE VIVTLKAHKG RRCLNPKSKQ ANVIMKKVER MNFLRYQNV.
Formulation/ Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purity	>95% as visualized by SDS-PAGE analysis.
Purification	Ion-exchange chromatography.
Biological Activity	The biological activity of recombinant swine CXCL11 was determined in a chemotaxis assay using a Boyden chamber with swine PBMC activated with PHA for 3 days followed by IL-2. Bioactivity is typically detected at 10 ng/mL.

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Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name LOC100038010 CCL11 [*Sus scrofa*]

Synonyms LOC100038010; CCL11

Gene ID 100038010

PDB rendering based on 1eot



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