

PRODUCT: Recombinant Guinea Pig IL-17

CATALOG NUMBER: 610003

DESCRIPTION:

Expression Host: HEK293

Protein Sequence: Genbank Acc# JQ_315117 (T21 - A158)

Tag: C-terminal His(6x)

SPECIFICATIONS:

Molecular Weight: 16.0kDa, under reducing conditions. Protein may appear larger than predicted molecular weight due to glycosylation.

Activity: React with Guinea Pig anti-IL-17 antibodies

Purity: >90% by Coomassie Blue stained SDS-PAGE gels.

PREPARATION AND STORAGE:

Concentration and Buffer: As indicated on each product, PBS

Preservative: None, unless specified.

Storage: -70°C. Avoid multiple freeze-thaw cycles.

BACKGROUND:

IL-17 is a family of homodimeric cytokines produced by a subset of CD4+ T cells called Th17 cells [1]. It has pro-inflammatory function and plays important roles in autoimmune diseases, most notably in psoriasis and asthma [1][2].

COUNTRY OF ORIGIN: USA

NOTE: For *in vitro* research use only. Not for diagnostic or therapeutic use.

REFERENCES:

- [1] J. K. Kolls and A. Lindén, "Interleukin-17 family members and inflammation," *Immunity*, vol. 21, no. 4, pp. 467–476, Oct. 2004, doi: 10.1016/j.immuni.2004.08.018.
- [2] Y. Hu, F. Shen, N. K. Crellin, and W. Ouyang, "The IL-17 pathway as a major therapeutic target in autoimmune diseases," *Ann. N. Y. Acad. Sci.*, vol. 1217, pp. 60–76, Jan. 2011, doi: 10.1111/j.1749-6632.2010.05825.x.