

IL31, 24-159aa, Canine, His-tag, Baculovirus

Cat.NO.: TP02635

3th Edition

Synonyms:interleukin 31, IL31, IL-31

Description:IL31, also known as interleukin 31, is a member of the gp130/interleukin-6 cytokine family that is produced by cell types such as T helper 2 lymphocytes and cutaneous lymphocyte antigen positive skin homing T cells. IL-31 signals via a heterodimeric receptor complex composed of a gp130 related molecule termed IL-31RA (also GPL and GLMR) and an Oncostatin M receptor (OSM R?). The IL-31 receptor is constitutively expressed by keratinocytes and upregulated by IFN γ on monocytes. Recombinant canine IL31, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:16.1kDa (142aa) 18-28kDa (SDS-PAGE under reducing conditions.)

Sequences:

Purity:> 95% by HPLC

Concentration:1.0mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.