

IL31 recombinant protein

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

CATALOG # AAA48933	HOST Baculovirus	APPLICATIONS SDS-Page
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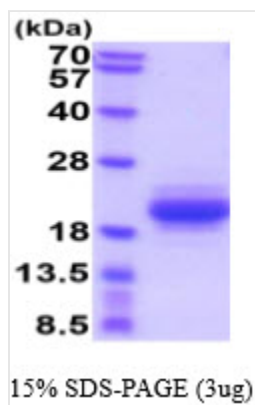
PRODUCT SYNONYMS

IL31; 24-159aa; Canine; His-tag; Baculovirus; interleukin 31; IL-31; IL31 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	1.0mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	SHMAPTHQLP PSDVRKIILE LQPLSRGLLE DYQKKETGVP ESNRTLLLCL TSDSQPPRLN SSAILPYFRA IRPLSDKNII DKIIIEQLDKL KFAQHEPETEI SVPADTFECK SFILTILQQF SACLESVFKS LNSGPQH HHH HH
Sequence Length	159
Applicable Applications for IL31 recombinant protein	SDS-PAGE
Domain	24-159aa
Tag	His-Tag
Endotoxin Level	< 1.0 EU per 1 ug of protein (determined by LAL method)
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IL31 recombinant protein	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 beta). The IL-31 receptor is constitutively expressed by keratinocytes and upregulated by IFN gamma on monocytes. Recombinant canine IL31, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for IL31 recombinant protein	Immunology; Hormones & Cytokines
References	MizunoT., et al, (2009) Vet. Immunol. Immunopathol. 131:140-143.; Gonzales AJ., et al, (2013) Vet. Dermatol. 24:48-53.

NCBI AND UNIPROT INFORMATION

NCBI GI #	259906424
NCBI GeneID	100302725
NCBI Accession #	NP_001159386
NCBI GenBank Nucleotide #	NM_001165914.1
UniProt Accession #	C7G0W1
Molecular Weight	16.1kDa (142aa)
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Protein Information	interleukin-31

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il31-recombinant-protein-baculovirus-sds-page/48933>