

Active Recombinant Canine IL2RA, His-tagged

Cat. No. IL2RA-460C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL2RA (Accession # BAI49682) Met1-Ile238, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Canine
Source	Mammalian Cells
ProteinLength	1-238 a.a.
Predicted N Terminal	Tyr19 & Thr21
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to block IL-2-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is typically 0.4-2.4 µg/mL in the presence of 1 ng/mL of Recombinant Canine IL-2 (Cys147Ser).
Molecular Mass	Recombinant Canine IL2RA, His-tagged has a calculated MW of 25.7 kDa (monomer). In SDS-PAGE migrates as 40-55 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	IL2RA interleukin 2 receptor, alpha [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	IL2RA
Synonyms	IL2RA; interleukin 2 receptor, alpha; CD25; IL-2RA; interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; interleukin 2 receptor alpha chain; interleukin-2 receptor alpha subunit; p55
Gene ID	403870
mRNA Refseq	NM_001003211
Protein Refseq	NP_001003211
MIM	
UniProt ID	O62802
Chromosome Location	2

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