

Active Recombinant Feline IL12B&IL12A

Cat. No. IL12B&IL12A-903F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline IL12B&IL12A (Accession # O02744 (p40) & O02743 (p35)), fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Feline
Source	Sf21 Cells
Predicted N Terminal	Arg26 (p35) & Ile23 (p40)
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using PHA-stimulated human T lymphoblasts. The ED50 for this effect is typically 1 - 5 ng/mL.
Molecular Mass	Recombinant Feline IL12B&IL12A has a calculated MW of 23.7 kDa (p35), 36.2 kDa (p40). In SDS-PAGE migrates as 31-33 kDa and 41-45 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).
Reconstitution	Reconstitute at 200 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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GENE INFORMATION

Gene Name	Raet1a retinoic acid early transcript 1, alpha [Mus musculus (house mouse)]
Official Symbol	Raet1a
Synonyms	Raet1; Rae1alpha; RAE-1alpha; retinoic acid early-inducible protein 1-alpha; retinoic acid early-inducible protein 1-alpha; RAE-1-alpha
Gene ID	19368
mRNA Refseq	NM_009016.1
Protein Refseq	NP_033042.1
MIM	
UniProt ID	O08602
Chromosome Location	10; 10 A3

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