

Active Recombinant Equine IL1RN

Cat. No. IL1RN-945E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Equine IL1RN (Accession # O18999.1) His26-Gln177, fused with an N-terminal Met, was produced in E. coli.
Species	Equine
Source	E.coli
ProteinLength	His26-Gln177
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in PBS and DTT with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit IL-1 alpha -dependent proliferation in D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272. The ED50 for this effect is typically 0.75 - 3.0 µg/mL in the presence of 50 pg/mL of rhIL-1 alpha.
Molecular Mass	Recombinant Equine IL1RN, Met-tagged has a calculated MW of 17.5 kDa.
Purity	>97%, 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

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months (-70°C).

GENE INFORMATION

Gene Name	IL18 interleukin 18 (interferon-gamma-inducing factor) [Sus scrofa (pig)]
Official Symbol	IL18
Synonyms	IL-18; interleukin-18; interleukin-18; IFN-gamma-inducing factor; IL-1 gamma; interferon gamma-inducing factor; interferon-gamma-inducing factor; interleukin-1 gamma
Gene ID	397057
mRNA Refseq	NM_213997.1
Protein Refseq	NP_999162.1
MIM	
UniProt ID	O19073
Chromosome Location	chromosome: 9

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