

Recombinant Porcine Interleukin-1 Receptor Antagonist Protein

#R00347

Size: 5 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

HPLGKRPCRMQAFRIWDVNQKTFYLRNNQLVAGYLQ
GPNTKLEEKIDVVPVEPHFVFLGIHGGKLCCLSCVKSG
DEMKLQLDAVNITDLRKNSEQDKRFTFIRSDSGPTTS
FESAACPGWFLCTALEADQPVGLTNTPKAAVKVTKFY
FQQDQ

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	Q29056
GeneID	397499
Species	Porcine
Source	Escherichia coli.
Molecular Weight	Approximately 17.1 kDa, a single non-glycosylated polypeptide chain containing 152 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by inhibiting IL-1α-dependent proliferation of murine D10S cells is less than 50 ng/ml, corresponding to a specific activity of > 2.0 × 10 ⁴ IU/mg in the presence of 75

Physical Appearance Formulation	pg/ml rPoIL-1α. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1 × PBS, pH 7.4, 1 mM DTT.
Endotoxin	Less than 0.1 EU/µg of rPoIL-1RA as determined by LAL method.