

Recombinant Murine Uteroglobin

#R00580

Size: 10 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

DICPGFLQVLEALLMESESGYVASLKPFNPGSDLQNA
GTQLKRLVDTL PQETRINIMKLTEKILTSPLCKQDLRF

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	Q06318
GeneID	22287
Species	Murine
Source	Escherichia coli.
Molecular Weight	Approximately 16.7 kDa, a disulfide-linked homodimeric protein containing two 75 amino acid residues polypeptide.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by the ability of the immobilized protein to support the adhesion of the A549 human lung carcinoma cells is less than 5.0 µg/ml, corresponding to a specific

Physical Appearance Formulation	activity of > 200 IU/mg. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rMuUteroglobin as determined by LAL method.