

Recombinant Murine Uteroglobulin

Information

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| Gene ID | 22287 |
| Accession # | Q06318 |
| Alternate Names | |
| Source | Escherichia coli. |
| M.Wt | Approximately 16.7 kDa, a disulfide-linked homodimeric protein containing two 75 amino acid residues polypeptide. |
| AA Sequence | DICPGFLQVL EALLMESESG YVASLKPFNP GSDLQNAGTQ LKRLVDTLPQ ETRINIMKLT EKILTSPLCK QDLRF |
| Appearance | Sterile Filtered White lyophilized (freeze-dried) powder. |
| 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 |
| Formulation | Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4. |
| 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. |
| Biological Activity | Fully biologically active when compared to standard. The ED 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 activity of > 200 IU/mg. |
| Shipping Condition | Gel pack. |
| Handling | Centrifuge the vial prior to opening. |
| Usage | For Research Use Only! Not to be used in humans. |

Components and Storage

| Components | 10µg | 100µg | 500µg |
|----------------------------------|------|-------|-------|
| Recombinant Murine Uteroglobulin | 10µg | 100µg | 500µg |

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- 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

Quality Control

| | |
|-----------|--|
| Purity | > 98 % by SDS-PAGE and HPLC analyses. |
| Endotoxin | Less than 0.1 EU/μg of rMuUteroglobin as determined by LAL method. |

Description

Reference

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