VIM
Native Bovine Vimentin

Catalog No.	CRV107A CRV107B CRV107C	**Quantity:**	2 µg 10 µg 1.0 mg

Alternate Names: Vimentin, Vim

Description: Native Bovine Vimentin

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

GeneID: 280955

Source: Bovine Lens

Molecular Weight: 57 kDa

Formulation: The protein (1 mg/ml) was lyophilized from a 1 mg/ml solution containing 10 mM sodium phosphate, pH 7.5, + 6 M urea + 2 mM DTT + 1 mM EDTA + 10 mM methylammonium chloride.

Purity: Greater than 98.0% as determined by SDS-PAGE.

Reconstitution: It is recommended to reconstitute the Bovine Vimentin in sterile distilled water at not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Reconstitution to Filaments: After vimentin is dissolved in 6M urea buffer (see above), protofilaments and filament complexes are obtained by dialyzing the resulting polypeptide solution stepwise to a concentration of 4M urea and then to low salt condition (50 mM NaCl + 2 mM dithiothreitol + 10 mM Sodium Phosphate, pH 7.4). For immunization purposes, the solution can be further dialyzed against PBS (e.g. Dulbecco's PBS).

Storage & Stability: Lyophilized Bovine Vimentin should be stored desiccated below -20°C. Upon reconstitution Bovine Vimentin may be stored at 2-4°C for 7 days and for future use, freeze below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Avoid repeated freeze-thaw cycles.**

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com