

Product datasheet

Desmin, chicken gizzard, 100 µg

Short overview

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|-----------------|--------|
| Cat. No. | 62205 |
| Quantity | 100 µg |

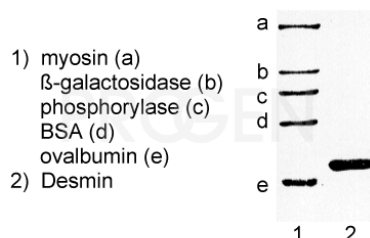
Product description

| | |
|--------------------------|--|
| Source | Chicken gizzard |
| Molecular Weight | 53 kDa |
| Isoelectric point | pI 5.4 |
| Purity | > 98% (determined by SDS gelelectrophoresis) |
| Reconstitution | Reconstitute with 80 µl distilled water (final volume 100 µl). Final solution: 10 mM sodium phosphate buffer pH 7.5, 6 M urea, 2 mM DTT, 1 mM EDTA, 10 mM methylammonium chloride; Protein concentration: 1 mg/ml (determined by Bradford method). |
| Application | Protein standard in 1D and 2D SDS gelelectrophoresis, immunoassays and immunization |
| Storage | Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles) |
| Intended use | Research use only |

Background

Protein standard for immunoblotting, immunization and immunoassays. Reconstitution to filaments is performed by dissolving in 6 M urea buffer (see above) at concentrations of approx. 0.5 mg/ml. Protofilaments and filament complexes are obtained by dialyzing the resulting polypeptide solution stepwise to a concentration of 4 M urea and then to low salt condition (50 mM NaCl, 2 mM dithiothreitol, 10 mM Tris-HCl, pH 7.4). For immunization purposes, the solution can be further dialyzed against PBS (phosphate buffered saline, e.g. Dulbecco's PBS).- Hatzfeld M and Franke WW (1985). J Cell Biol 101, 1826-1841- Hatzfeld M et al. (1987). J Mol Biol 197, 237-255

Product images



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