

# Recombinant Human Vitronectin(His Tag,HEK293-expressed)

Catalog Number : mly04842

## Characteristics:

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| Source                   | HEK293                                                                               |
| Description              | Human Vitronectin (Asp20-Leu478), with a C-terminal 6-His tag.<br>Accession # P04004 |
| Predicted molecular mass | 53.1kDa                                                                              |

## Specification:

|             |                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance  | Colorless clear liquid                                                                                                                                                                                                                                                  |
| Purity      | ≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)                                                                                                                                                                        |
| Endotoxin   | ≤10 EU/μg by the LAL method                                                                                                                                                                                                                                             |
| Activity    | Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells. The ED <sub>50</sub> for this effect is 2-10 μg/mL.Optimal concentration depends on cell type as well as the application or research objectives. |
| Formulation | 0.22 μm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4                                                                                                                                                                                         |
| Size        | 1mg/ml                                                                                                                                                                                                                                                                  |

## Handling and Storage:

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shipping            | The product is shipped with blue ice                                                                                          |
| Storage & Stability | 36 months at -20°C to -80°C<br>7-10 days at 2°C to 8°C<br>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |