

## Recombinant Human Vitronectin

Catalog Number: OM643788

### Characteristics:

<b>Source</b>	Chinese Hamster Ovary cell line
<b>Description</b>	Human Vitronectin (Asp20-Leu478) Accession # P04004
<b>Predicted molecular mass</b>	52.3 kDa

### Specification:

<b>Appearance</b>	Colorless clear liquid
<b>Purity</b>	≥95%, by SDS-PAGE (under conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	≤1.0 EU/mg by the LAL method
<b>Activity</b>	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.
<b>Formulation</b>	0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4.
<b>Size</b>	50 µg/vial, 1 mg/vial

### Handling and Storage:

<b>Shipping</b>	The product is shipped with blue ice
<b>Storage &amp; Stability</b>	36 months at -20°C to -80°C under sterile conditions 6 months at 2°C to 8°C under sterile conditions <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>