

## 32-4368: Recombinant Human Oncomodulin-1

**Alternative Name :** Oncomodulin-1,OM,Parvalbumin beta,OCM,OCM1,OCMN.

### Description

Source : Escherichia Coli. The Recombinant Human Oncomodulin-1 produced in E.coli has a molecular mass of 13.21kDa containing 117 amino acid residues of the human Oncomodulin-1 and fused to a 9 a.a. His tag at N-terminus. Oncomodulin is a member of the superfamily of calmodulin proteins, otherwise known as the EF-hand proteins. It is a high-affinity calcium ion-binding protein. Oncomodulin is an oncodevelopmental protein which is found in early embryonic cells in the placenta and also in tumors.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 10 µg  |
| <b>Content :</b>           | Oncomodulin-1 was filtered (0.4µm) and lyophilized from 0.5 mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.  |
| <b>Storage condition :</b> | Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. |
| <b>Amino Acid :</b>        | MKHHHHHHAS ITDVLSADDI S ITDVLSADDI AAALQECRDP DTFEPQKFFQ TSGLSKMSAN<br>QVKDVFRFID NDQSGYLDEE ELKFFLQKFE SGARELTESE TKSLMAAADN DGDGKIGAE<br>EQEMVHS.  |

### Application Note

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

