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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

Amount :	10 µg
Content :	Oncomodulin-1 was filtered (0.4µm) and lyophilized from 0.5 mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.
Storage condition :	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.
Amino Acid :	MKHHHHHHAS ITDVLSADDI S ITDVLSADDI AAALQECRDP DTFEPQKFFQ TSGLSKMSAN QVKDVFRFID NDQSGYLDEE ELKFFLQKFE SGARELTESE TKSLMAAADN DGDGKIGAEE FQEMVHS.

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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.