

Oncomodulin-1 Protein, Human (His)

Cat. No.:	HY-P71100
Synonyms:	Oncomodulin-1; OM; Parvalbumin Beta; OCM; OCM1; OCMN
Species:	Human
Source:	E. coli
Accession:	P0CE72 (M1-S109)
Gene ID:	654231
Molecular Weight:	Approximately 16.0 kDa

PROPERTIES

AA Sequence	<p> M S I T D V L S A D D I A A A L Q E C R D P D T F E P Q K F F Q T S G L S K M S A N Q V K D V F R F I D N D Q S G Y L D E E E L K F F L Q K F E S G A R E L T E S E T K S L M A A A D N D G D G K I G A E E F Q E M V H S </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 7.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Oncomodulin-1 protein displays calmodulin-like activity, particularly in terms of enzyme activation and growth regulation. It is capable of binding two calcium ions, indicating its involvement in calcium-mediated cellular processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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