

Osteomodulin Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76530
Synonyms:	Keratan sulfate proteoglycan osteomodulin; OSAD; OMD; SLRR2C
Species:	Mouse
Source:	HEK293
Accession:	O35103 (M1-I423)
Gene ID:	27047
Molecular Weight:	60-70 kDa.

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Osteomodulin protein is thought to play a role in biomineralization processes, potentially contributing to the formation and regulation of mineralized tissues. It functions by binding to osteoblasts through the alpha(V)beta(3)-integrin, indicating its involvement in cell adhesion and interaction with the extracellular matrix. Moreover, osteomodulin specifically binds to the alpha(V)beta(3)-integrin, suggesting its potential significance in mediating cellular processes associated with integrin signaling.
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Caution: Product has not been fully validated for medical applications. For research use only.

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