

Recombinant Human OCM, His-tagged

Cat. No. OCM-3693H Lot. No. (See product label)

SPECIFICATION

Product Overview	Total 117 AA. MW: 13.21 kDa (calculated). N-Terminal His-tag, 9 extra AA (highlighted).
Species	Human
Source	E.coli
Description	OCM is a calcium-binding protein and a macrophage-derived growth factor, which can promote axon regeneration in retinal ganglion cells.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, PH 7.5.
Reconstitution	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.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein
Sequences of amino acids	MKHHHHHHAS ITDVL SADDI AAALQECRDP DTFEPQKFFQ TSGLSKMSAN QVKDVFRFID NDQSGYLDEE ELKFFLQKFE SGARELTESE TKSLMAAADN DGDGKIGAEF FQEMVHS

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Storage

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

GENE INFORMATION

Gene Name OCM oncomodulin [Homo sapiens]

Official Symbol OCM

Synonyms OCM; oncomodulin; OM; OCM1; ONCM; MGC97453; MGC97465; MGC97477; MGC142264; MGC142266; oncomodulin-1; hCG18255; oncomodulin 1; parvalbumin beta; OTTHUMP00000208112; OTTHUMP00000208113

Gene ID 654231

mRNA Refseq NM_001097622

Protein Refseq NP_001091091

MIM 164795

UniProt ID P0CE72

Chromosome Location 7p22

Function calcium ion binding

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