

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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