

Gellan gum

Cat. No.:	HY-125870
CAS No.:	71010-52-1
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Gellan gum

BIOLOGICAL ACTIVITY

Description	Gellan gum is a linear microbial exopolysaccharide that can be used as a cell scaffold for both soft tissue and load bearing applications. Gellan gum has many advantages such as biocompatibility, biodegradability, nontoxic in nature, and physical stability in the presence of cations ^{[1][2]} .
In Vitro	Gellan gum-based hydrogels have been studied for their potential for cartilage and bone tissue regeneration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Choi JH, et, al. Application of Gellan Gum-Based Scaffold for Regenerative Medicine. *Adv Exp Med Biol.* 2020;1249:15-37.

[2]. Costa L, et, al. Gellan Gum-Based Hydrogels for Osteochondral Repair. *Adv Exp Med Biol.* 2018;1058:281-304.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA