

Hyaluronidase

产品编号: D13032

CAS: 37326-33-3

保存条件: Store at -20°C.

产品介绍: **基本信息:**

CAS: 37326-33-3

分子量: ~55kD (four subunits of 14 kDa each)

MDL: MFCD00131351

级别: BR

活性: 300u-500u/mg

外观/性状: 白色无定形粉末或颗粒。

活性定义: One unit will cause a change in A600 of 0.330 per minute at pH 5.7 at 37°C in a 2.0 ml reaction mixture (45 minute assay).

来源: 羊睾丸

溶解性: 溶于水, 不溶于丙酮、乙醇和乙醚。

最适pH范围: pH为4.0~7.5。

产品简介:

透明质酸酶(Hyaluronidase)是一类能够降低体内透明质酸活性的酶的总称, 结构上由4个相同亚基构成, 每个亚基分子量接近14 kDa, 该酶是一种糖蛋白, 包含5%的甘露糖和2.2%的葡萄糖胺。功能上该酶可随机裂解透明质酸、软骨素和硫酸软骨素中的 β -N-乙酰己糖胺-[1 $\rightarrow$ 4] 糖苷键。常与胶原酶联合使用于降解细胞外基质, 从而从组织中分离活细胞。

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.3] Danyang Li. et al. Dual-responsive hyaluronic acid-based hydrogel as a drug carrier for combined chemo-photodynamic therapy. EUR POLYM J. 2025 Apr;229:113883 ; . 10.1016/j.eurpolymj.2025.113883

[IF=5.1] Danyang Li. et al. One-pot synthesis of triple responsive composite hydrogel based on hyaluronic acid and its targeted controlled drug release. REACT FUNCT POLYM. 2024 Apr;197:105867 Other ; . 10.1016/j.reactfunctpolym.2024.105867