

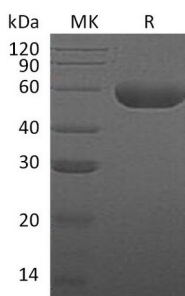
Product Name: Recombinant Human HYAL1 (C-6His)
Catalog #: PHH0816



Summary

Name	Hyaluronidase-1/HYAL1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hyaluronidase-1 is produced by our Mammalian expression system and the target gene encoding Phe22-Trp435 is expressed with a 6His tag at the C-terminus.
Accession #	Q12794
Host	Human Cells
Species	Human
Predicted Molecular Mass	47.18 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Hyaluronidase-1; Hyal-1; Hyaluronoglucosaminidase-1; Lung Carcinoma Protein 1; LuCa-1; HYAL1; LUCA1
Background	Hyaluronidase-1 (HYAL1) is a secreted lysosomal hyaluronidase that belongs to the glycosyl hydrolase 56 family. HYAL1 contains one EGF-like domain and is highly expressed in the liver, kidney, and heart, but it is weakly expressed in the lung,

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placenta, and skeletal muscle. HYAL1 is thought to be involved in cell proliferation, migration, and differentiation. It may play a role in promoting tumor progression and blocking the TGFβ1-enhanced cell growth. Mutations in HYAL1 are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency.

Note

For Research Use Only , Not for Diagnostic Use.