

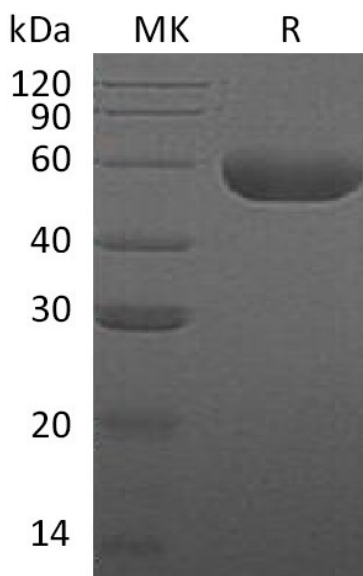
Product Name: Recombinant Human HYAL1 (C-6His)
Catalog #: PHH0816



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



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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, 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 TGFB1-enhanced cell growth. Mutations in HYAL1 are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency.

Note

For Research Use Only , Not for Diagnostic Use.