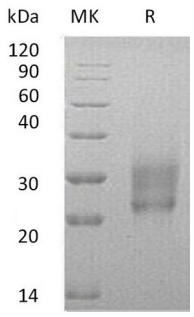
Product Name: Recombinant Human HAI-2 (C-6His)
Catalog #: PHH0769

Summary

Name	HAI-2/SPINT2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hepatocyte Growth Factor Activator Inhibitor Type 2 is produced by our Mammalian expression system and the target gene encoding Ala28-Lys197 is expressed with a 6His tag at the C-terminus.
Accession #	O43291
Host	Human Cells
Species	Human
Predicted Molecular Mass	20.22 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. 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	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Kunitz-Type Protease Inhibitor 2; Hepatocyte Growth Factor Activator Inhibitor Type 2; HAI-2; Placental Bikunin; SPINT2; HAI2; KOP
Background	Hepatocyte Growth Factor Activator Inhibitor Type 2 (HAI2) is a single-pass type I membrane protein and contains two BPTI/Kunitz inhibitor domains. The first Kunitz domain is mainly responsible for the inhibitory activity against hepatocyte growth factor activator (HGFA). HAI2 is expressed in placenta, kidney, pancreas, prostate, testis, thymus and trachea. HAI2 serves as a inhibitor of HGF activator. It also inhibits plasmin, plasma and tissue kallikrein and factor XIa. Defects in HAI2 are the cause of diarrhea type 3 (DIAR3), also known as congenital sodium diarrhea (CSD).

Note

For Research Use Only , Not for Diagnostic Use.