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32-7558: Recombinant Human HAI-2/KOP/SPINT2 (C-6His)

Gene : SPINT2
Gene ID : 10653
Uniprot ID : O43291

Description

Source: Human Cells.
MW :20.22kD.
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. 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).

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	ADRERSIHDFCLVSKVVGRCRASMPRWWYNVTDGSCQLFVYGGCDGNSNNYLTKEECLKKCATVTENATGD LATSRNAADSSVPSAPRRQDSEDHSSDMFNYEEYCTANAVTGPCRASFPRWYFDVERNSCNNFIYGGCRGNK NSYRSEEACMLRCFRQQENPPLPLGSKVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.