

32-7962: Recombinant Human Regenerating Islet-Derived Protein 4/RELp (C-6His)(Discontinued)

Gene : REG4
Gene ID : 83998
Uniprot ID : Q9BYZ8

Description

Source: Human Cells.
MW :19.2kD.

Recombinant Human Regenerating islet-derived protein 4 is produced by our Mammalian expression system and the target gene encoding Asp23-Pro158 is expressed with a 6His tag at the C-terminus. REG4 is a secreted protein contains one C-type lectin domain, highly expressed in the gastrointestinal tract, including jejunum, ileum, appendix, pancreas and small intestine. REG4 can be up-regulated by mucosal injury from active Crohn's disease or ulcerative colitis. In the acid environment, REG4 can maintain carbohydrate recognition activity. REG4 may be involved in inflammatory and metaplastic response of the gastrointestinal epithelium.

Product Info

Amount : 6His) / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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 : DIIMRPSCAPGWIFYHKSNCYGYFRKLRNWSDAELECQSYGNGAHLASILSLKEASTIAEYISGYQR
SQPIWIGLHDPQKRQQWQWIDGAMYLYRSWSGKSMGGNKHCAEMSSNNNFLTWSSNECNKRQ
HFLCKYRPVDHHHHHHH

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 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.