

REG4, 23-158aa, Human, His tag, E.coli

Cat.NO.: TP03710

3th Edition

Synonyms:Regenerating islet-derived protein 4 isoform 1, GISP, RELP, REG-IV

Description:REG4 also known as Regenerating islet-derived protein 4. This protein is calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. It may be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium. Recombinant human REG4, fused to T7-tag at N-terminus, was expressed in E.coli.

Form:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight:17.5 kDa (152aa)

Sequences:

MASMTGGQQMGRGSHMDIIMRPSCAPGWFYHKSNCYGYFRKLRNWSDAELECQSYGNGAHLASILSLKEASTIA
EYISGYQRSQPIWIGLHDPQKRQQWQWIDGAMLYRSWSGKSMGGNKHCAEMSSNNNFLTWSSNECNKRQHFL
CKYRP

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.