

Product Information

Recombinant Rat Reg4, Fc tagged

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Catalog#	MK0635R
Product Name	Recombinant Rat Reg4, Fc tagged
Product Overview	Recombinant Rat Reg4 (Q68AX7) (Met1-Pro157), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Description	Regenerating islet-derived protein 4, also known as REG-like protein, REG4, GISP and RELP, is a secreted protein which contains one C-type lectin domain. REG4 is involved in inflammatory and metaplastic responses of the gastrointestinal epithelium. REG4 is highly expressed in the gastrointestinal tract including the duodenum, jejunum, ileum, ileocecum, appendix, descending colon, pancreas and small intestine. It is weakly expressed in normal colon and stomach and strongly expressed in most colorectal tumors
Source	HEK293 cells
Species	Rat
Tag	Fc
Formulation	Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant rat REG4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 376 amino acids and has a predicted molecular mass of 42.9 kDa. The apparent molecular mass of the protein is approximately 49 kDa in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.