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REG4 Protein (AA 23-157) (His tag)



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Quantity:	100 μg
Target:	REG4
Protein Characteristics:	AA 23-157
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This REG4 protein is labelled with His tag.

Product Details

Sequence:	Asp23-Pro157
Characteristics:	A DNA sequence encoding the Rat REG4 (Q68AX7-1) (Asp23-Pro157) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

Target Details

Target:	REG4
Alternative Name:	REG4 (REG4 Products)
Background:	Abbreviation: REG4
	Target Synonym: Regenerating islet-derived protein 4,Reg4,REG-4,Gastrointestinal secretory
	protein,GISP,Reg IV,REG like protein,Regenerating gene type IV,Regenerating islet derived
	protein 4 precursor, Regenerating islet-derived protein IV, REGIV, RELP

Target Details

	Background: Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium.
Molecular Weight:	Calculated MW: 15.9 kDa Observed MW: 18.2 kDa
UniProt:	Q68AX7-1

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months