

[Go to Product page](#)

Datasheet for ABIN2566888 **REG4 Protein (His tag)**

Overview

Quantity:	0.1 mg
Target:	REG4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This REG4 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Measured by the ability of the immobilized protein to support the proliferation of HCT-116 human colorectal carcinoma cells (ATCC: CCL-247) under low serum conditions. The ED50 for this effect is typically 3-15 µg/mL.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	REG4
Alternative Name:	REG4 (REG4 Products)
Background:	Regenerating islet-derived protein 4 (REG4) is also known as Gastrointestinal secretory protein (GISP), REG-like protein (RELP). REG4 contains one C-type lectin domain. REG4 has calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate

Target Details

recognition activity in an acidic environment. REG4 may be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium.

Molecular Weight: 16.7 kDa

Gene ID: 83998

UniProt: [Q9BYZ8](#)

Application Details

Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.