

Datasheet for ABIN7320608

REG2 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	REG2
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Lithostathine-2/REG2 Protein (His Tag)
Sequence:	Gln23-Ala173
Characteristics:	Recombinant Mouse Islets of Langerhans regenerating protein 2 is produced by our Mammalian expression system and the target gene encoding Gln23-Ala173 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	REG2
Alternative Name:	Lithostathine-2/REG2 (REG2 Products)
Background:	Background: Regenerating protein 2 (Reg2) also known as Lithostathine 2, pancreatic thread protein (PTP2) and pancreatic stone protein 2 (PSP2), is a member of the Reg family of

Target Details

proteins. These small, secreted proteins have been implicated in a range of physiological processes including acting as acute phase reactants, lectins, survival/growth factors for insulin-producing pancreatic beta-cells, neural cells, and epithelial cells of the digestive system. Studies also indicate a role for Reg family members in tumor formation and indicate their potential for use as biomarkers of carcinogenesis. Mouse Reg2 is expressed in regenerating islets and normal exocrine pancreas. Reg2 also stimulates the growth of pancreatic beta cells. Mouse Reg2 belongs to the type II subclass of the Reg family and is the only subclass II Reg protein described.

Synonym: Regenerating Islet-derived 2, Islet of Langerhans regenerating protein 2, Pancreatic stone protein 2, Pancreatic thread protein 2, PSP, PTP

Molecular Weight:	17.7 kDa
-------------------	----------

UniProt:	Q08731
----------	------------------------

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

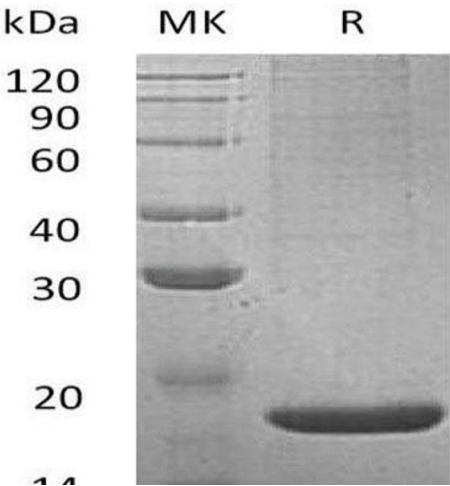
Format:	Lyophilized
---------	-------------

Reconstitution:	Please refer to the printed manual for detailed information.
-----------------	--

Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS pH 7.4.
---------	--

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.
------------------	---



Western Blotting

Image 1.