

Datasheet for ABIN7320852

AGR3 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	AGR3
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGR3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse AGR3 Protein (His Tag)
Sequence:	Ile21-Leu165
Characteristics:	Recombinant Mouse AGR3 is produced by our Mammalian expression system and the target gene encoding Ile21-Leu165 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AGR3
Alternative Name:	AGR3 (AGR3 Products)
Background:	Background: Anterior gradient protein 3 (AGR3) is an 18 kDa member of the AGR family of proteins. It is expressed in the ciliated cells of the airway epithelium, not detected in the mucous cells. Mature human AGR3 shares 92 % amino acid sequence identity with mouse

Target Details

AGR3. It is required for calcium-mediated regulation of ciliary beat frequency and mucociliary clearance in the airway. AGR3 might be involved in the regulation of intracellular calcium in tracheal epithelial cells.

Synonym: Anterior gradient protein 3, AGR3,AG3,BCMP11

Molecular Weight: 18.1 kDa

UniProt: [Q8R3W7](#)

Application Details

Restrictions: For Research Use only

Handling

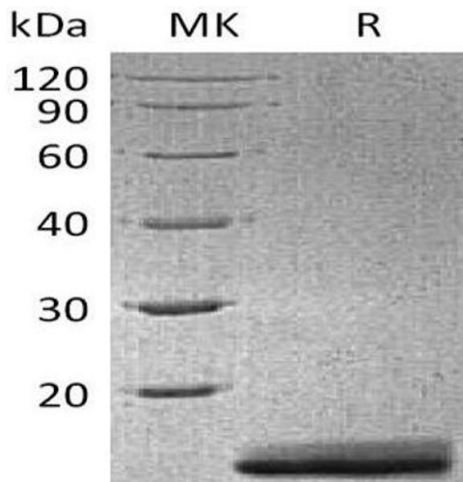
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 10 % Glycerol, 100 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.