

Recombinant Mouse AGR3 Protein (His Tag)

Catalog Number:PKSM041359



Note: Centrifuge before opening to ensure complete recovery of vial contents.

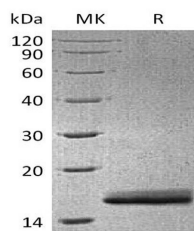
Description

Synonyms	Anterior gradient protein 3;AGR3;AG3;BCMP11
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Ile21-Leu165
Accession	Q8R3W7
Calculated Molecular Weight	18.1 kDa
Observed molecular weight	15-19 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 50% Glycerol, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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 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.

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