

Product datasheet for **TP727787**

Agr3 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Anterior Gradient Protein 3/Agr3 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ile21-Leu165
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris, 10% Glycerol, 100mM NaCl, pH 8.0.
Note:	Recombinant Mouse Anterior Gradient Protein 3 is produced by our Mammalian expression system and the target gene encoding Ile21-Leu165 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	403205
UniProt ID:	Q8R3W7
Summary:	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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