

## Datasheet: PMP61

<b>Description:</b>	RECOMBINANT MOUSE FGF 9
<b>Name:</b>	FGF 9
<b>Other names:</b>	FIBROBLAST GROWTH FACTOR 9
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	10 µg

## Product Details

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA			■	
Functional Assays	■			

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the protein for use in their own system using appropriate

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified recombinant protein - lyophilised
<b>Reconstitution</b>	Reconstitute with 10 ul distilled water
<b>Note</b>	Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Recombinant protein expressed in <i>E.Coli</i>
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Endotoxin Level</b>	<0.1 ng/ug
<b>Approx. Protein Concentrations</b>	1 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P54130</a> FGF9_MOUSE <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">14180</a> Fgf9 <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Fgf-9
<b>Product Information</b>	Fibroblasts Growth Factor 9 (FGF 9) is a 22kD protein which is expressed in various mouse tissues including brain and kidney.

FGF 9 is a heparin binding growth factor which stimulates the proliferation and activation of glial cells and binds to cells expressing FGFR3.

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<b>Protein Molecular Weight</b>	22kD (205 amino acid sequence)
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<b>Purity</b>	>95% by SDS page and HPLC analysis
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<b>Storage</b>	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.  This product should be stored undiluted.  Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Shelf Life</b>	3 months from date of reconstitution.
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<b>Health And Safety Information</b>	Material Safety Datasheet Documentation #10169 available at: <a href="http://www.abdserotec.com/uploads/MSDS/10169.pdf">http://www.abdserotec.com/uploads/MSDS/10169.pdf</a>
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<b>Regulatory</b>	For research purposes only
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