

Recombinant Mouse Fgfr2, His-tagged

Cat. No. Fgfr2-502M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse FGFR2 (NP_963895.2) (Met1-Glu263) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Human Cells
ProteinLength	Met1-Glu263
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse FGFR2 comprises 253 amino acids and has a predicted molecular mass of 28.5 kDa. The apparent molecular mass of the protein is approximately 52.3 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Fgfr2 fibroblast growth factor receptor 2 [Mus musculus]
Official Symbol	Fgfr2
Synonyms	FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; sv5; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRT; AU043015; AW556123; MGC102519;
Gene ID	14183
mRNA Refseq	NM_010207
Protein Refseq	NP_034337
Pathway	Downstream signaling of activated FGFR, organism-specific biosystem; ESC Pluripotency Pathways, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR2 ligand binding and activation, organism-specific biosystem; FGFR2b ligand binding and activation, organism-specific biosystem;
Function	ATP binding; fibroblast growth factor 1 binding; fibroblast growth factor binding; fibroblast growth factor binding; fibroblast growth factor-activated receptor activity; heparin binding; kinase activity; nucleotide binding; protein binding; protein homod

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