

Recombinant Mouse Fgfr2 Protein, Fc-tagged, FITC conjugated

Cat. No. Fgfr2-501MF Lot. No. (See product label)

SPECIFICATION

Product Overview

A DNA sequence encoding the mouse FGFR2 (NP_963895.2) (Met1-Glu263) (FITC conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.

Species

Mouse

Source

HEK293

ProteinLength

Met1-Glu263 483

Form

Lyophilized

Molecular Mass

The recombinant mouse FGFR2 comprises 483 amino acids and has a predicted molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 89.9 kDa in SDS-PAGE under reducing conditions.

Endotoxin


< 1.0 EU/ µg of the protein as determined by the LAL method.

Purity


> 95 % as determined by SDS-PAGE

Characteristic

Disulfide-linked homodimer
Labeled with FITC via amines
Excitation source: 488 nm spectral line, argon-ion laser
Excitation Wavelength: 488 nm
Emission Wavelength: 535 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	FITC

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; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRT _r ; AU043015; AW556123; MGC102519;
Gene ID	14183
mRNA Refseq	NM_010207
Protein Refseq	NP_034337

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