

Recombinant Mouse Fgfr2 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Fgfr2-502MAF488 Lot. No. (See product label)

SPECIFICATION

Product Overview A DNA sequence encoding the mouse FGFR2 (NP_963895.2) (Met1-Glu263) (Alexa Fluor 488 conjugated) was expressed with a C-terminal polyhistidine tag.

Species Mouse

Source HEK293

ProteinLength Met1-Glu263 253

Form Lyophilized

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/ µg of the protein as determined by the LAL method.

Purity > 95 % as determined by SDS-PAGE

Characteristic
Disulfide-linked homodimer
Labeled with Alexa Fluor 488 via amines
Excitation Wavelength: 488 nm
Emission Wavelength: 515-545 nm

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	Alexa Fluor 488

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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