

# Recombinant Cynomolgus FGFR3 Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** FGFR3-1224CAF488    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |                                                                                                                                                                                                       |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>             | Alexa Fluor 488 conjugated recombinant cynomolgus FGFR3 (XP_005554344.1) (Met1-Gly375) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus FGFR3 sequences are identical. |
| <b>Species</b>                      | Monkey                                                                                                                                                                                                |
| <b>Source</b>                       | HEK293                                                                                                                                                                                                |
| <b>ProteinLength</b>                | 364                                                                                                                                                                                                   |
| <b>Form</b>                         | Lyophilized                                                                                                                                                                                           |
| <b>Molecular Mass</b>               | 39.5 kDa                                                                                                                                                                                              |
| <b>N-terminal Sequence Analysis</b> | Glu 23                                                                                                                                                                                                |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                          |
| <b>Purity</b>                       | > 95 % as determined by SDS-PAGE                                                                                                                                                                      |
| <b>Characteristic</b>               | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm                                                                                                |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | Emission Wavelength: 515-545 nm                                                                                                                                                         |
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                          |
| <b>Storage</b>        | Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                      |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.                                                                                                                     |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | Alexa Fluor 488                                                                                                                                                                         |

## GENE INFORMATION

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| <b>Gene Name</b>       | FGFR3 fibroblast growth factor receptor 3 [ <i>Macaca fascicularis</i> ] |
| <b>Official Symbol</b> | FGFR3                                                                    |
| <b>Synonyms</b>        | fibroblast growth factor receptor 3                                      |
| <b>Gene ID</b>         | 102128947                                                                |

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