

Datasheet for ABIN7535788 FGFR4 Protein (His tag)



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Overview

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| Quantity: | 100 µg |
| Target: | FGFR4 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FGFR4 protein is labelled with His tag. |

Product Details

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| Purpose: | Recombinant Mouse FGFR-4/CD334 Protein |
| Sequence: | LSLEASEEME QEPCLAPILE QQEQVLTVAL GQPVRLCCGR TERGRHWYKE GSRLASAGRV RGWRGRLEIA SFLPEDAGRY LCLARGSMTV VHNLTLMDL SLTSISNDED PKTLSSSSSG HVYPQQAPYW THPQRMEKKL HAVPAGNTVK FRCPAAGNPM PTIHWLKDGG AFHGENRIGG IRLRHQHWSL VMESVPSDR GTYTCLVENS LGSIRYSYLL DVLERSPHRP ILQAGLPANT TAVVGSDEL LCKVYSDAQP HIQWLKHVI NGSSFGADGF PYVQLKTTD INSSEVELY LRNVAEDAG EYTCLAGNSI GLSYQSAWLT VLPEEDLTWT TATPEARYTD |
| Specificity: | Leu17-Asp366 |
| Purity: | > 95 % by SDS-PAGE. |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | < 0.1 EU/µg of the protein by LAL method. |

Target Details

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| Target: | FGFR4 |
| Alternative Name: | FGFR-4/CD334 (FGFR4 Products) |
| Background: | <p>Description: The protein is a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system.</p> <p>Alternatively spliced transcript variants have been described.</p> <p>Name: Fgfr-4,FGFR4,CD334,JTK2,MGC20292,TKF,FGFR4,Fgfr-4,FGFR4,CD334,JTK2,MGC20292,TKF,FGFR4</p> |
| Gene ID: | 14186 |
| UniProt: | Q03142 |
| Pathways: | RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Growth Factor Binding |

Application Details

Restrictions: For Research Use only

Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. |
| Buffer: | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |