

DESCRIPTION

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| Source | <i>E. coli</i> -derived Cys32 - Thr194, with an N-terminal Met Accession # Q6FGV5 |
| N-terminal Sequence Analysis | Met |
| Predicted Molecular Mass | 19 kDa |

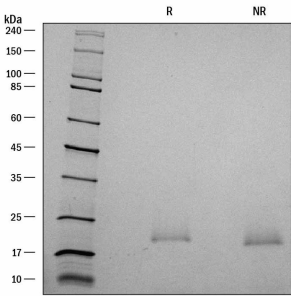
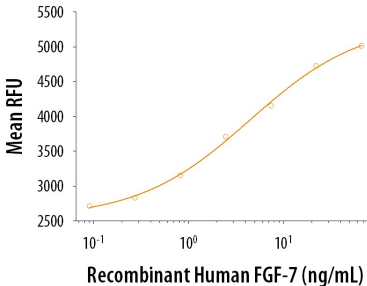
SPECIFICATIONS

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| SDS-PAGE | |
| Activity | Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. Rubin, J.S. <i>et al.</i> (1989) Proc. Natl. Acad. Sci. USA 86:802. The ED50 for this effect is typically 6-60 ng/mL. |
| Endotoxin Level | <0.10 EU per 1 µg of the protein by the LAL method. |
| Purity | >97%, by SDS-PAGE under reducing conditions and visualized by silver stain. |

PREPARATION AND STORAGE

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| Reconstitution | For a stock solution, reconstitute at 100 µg/mL in sterile PBS, or simply roll ProDot® directly into cell culture medium for immediate use. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 6 months from date of receipt at room temperature. • 12 months from date of receipt at 2-8 °C as supplied. • 1 month at 2-8 °C under sterile conditions after reconstitution. • 3 months at -20 to -80 °C under sterile conditions after reconstitution. |

DATA

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| <p>SDS-PAGE</p>  <p>1 µg/lane of ProDots® Recombinant Human KGF/FGF-7 was resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized with silver staining, showing a single band at 19 kDa.</p> | <p>Bioactivity</p>  <p>ProDots® Recombinant Human KGF/FGF-7 stimulated cell proliferation of the 4MBr-5 rhesus monkey epithelial cell line. The ED₅₀ for this effect is typically 6-60 ng/mL.</p> |
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PRODUCT SPECIFIC NOTICES

726883.0