

HumanKine[®] EGF (Recombinant Human)



| | | | |
|-----------------------|----------------------|----------|----------------|
| Animal Component-Free | Human cell expressed | Tag-Free | Endotoxin Free |
|-----------------------|----------------------|----------|----------------|

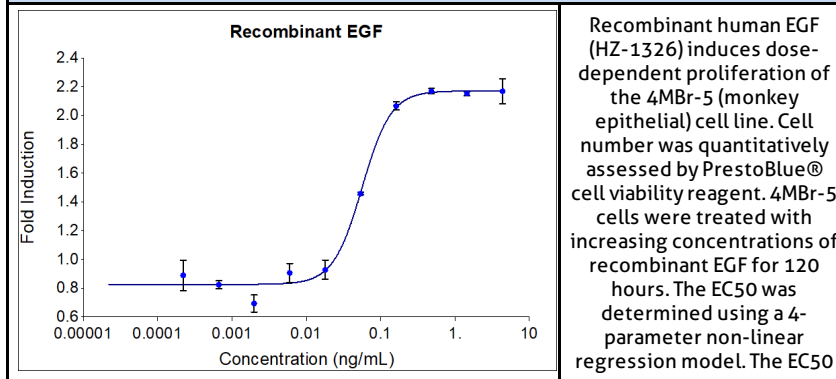
Product Description

| | |
|-------------------|---|
| Alternative Names | Urogastrone |
| Source | Human Embryonic Kidney cells (HEK293). HEK293-derived EGF protein |

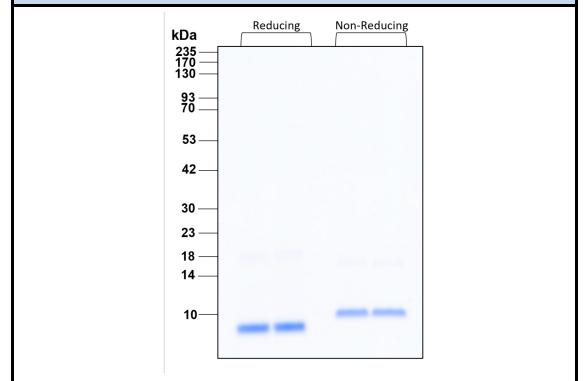
Specifications

| Test | Method | Specification |
|----------------|--|--|
| Activity | Dose-dependent stimulation of the proliferation of 4MBr-5 cells (monkey epithelial cell line). | 0.1-0.6 ng/mL EC50 |
| Molecular Mass | SDS-PAGE | 6 kDa reduced, 10 kDa non-reduced, monomer, glycosylated |
| Purity | SDS-PAGE | > 95% |
| Endotoxin | LAL | <1.0 EU/μg |

Activity Data



SDS-PAGE



| Preparation | |
|----------------------|---|
| Shipping Temperature | ambient temperature |
| Formulation | 1x PBS, See Certificate of Analysis for details |
| Reconstitution | Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS pH 7.4 containing 0.1% endotoxin-free recombinant human serum albumin (HSA). |

| Stability and Storage | Product Form | Temperature Conditions | Storage Time (From Date of Receipt) |
|------------------------------------|---------------------------|------------------------|-------------------------------------|
| | Lyophilized | -20°C to -80°C | Until Expiry Date |
| | Lyophilized | Room Temperature | 2 weeks |
| | Reconstituted as per CofA | -20°C to -80°C | 6 months |
| | Reconstituted as per CofA | 4°C | 1 week |
| Avoid repeated freeze-thaw cycles. | | | |

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