

## Epidermal Growth Factor Mouse Recombinant, Biotin

<b>Item Number</b>	rAP-2180
<b>Synonyms</b>	Urogastrone, URG, EGF.
<b>Description</b>	EGF Mouse Recombinant, Biotin produced in E.Coli is a non-glycosylated polypeptide chain containing 61 amino acids and having a total molecular mass of 7.0kDa. This version of EGF has a N terminal leader sequence hosting a biotin conjugation. There are 0.5 biotins for each EGF protein.&nbsp;
<b>Uniprot Accesion Number</b>	P01132
<b>Amino Acid Sequence</b>	MKKIDDDKNS YPGCPSSYDG YCLNGGVCMH IESLDSYTCN CVIGYSGDRC QTRDLEWWEL R.&nbsp;
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Should be stored at 4°C.Please do not freeze.
<b>Formulation and Purity</b>	The protein (0.5mg/ml) solution contains sterile PBS. Greater than 95.0% as determined by analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	The ED50 as determined by the dose-dependent proliferation of mouse BALB/c 3T3 cells is 0.14-0.2ng/ml, corresponding to a specific activity of 7.1x10 <sup>6</sup> units/mg.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**