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## Product Datasheet

### Human EGF protein, His tag (active), Unconjugated GTX00114-PRO

Article Name	Human EGF protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00114-PRO
Supplier Catalog Number	GTX00114-pro
Alternative Catalog Number	GTX00114-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
Product Description	This gene encodes a member of the epidermal growth factor superfamily. The encoded preproprotein is proteolytically processed to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an imp...
NCBI	<a href="#">1950</a>
UniProt	<a href="#">P01133</a>
Buffer	Reconstitute with 20mM Tris (pH8.0) and 150mM NaCl (pH8.0) to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris (pH8.0), 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300.
Expression System	E. coli
Form	Lyophilized powder

Sequence	N-terminal His-Tag, Asn971~Arg1023 (NP_001171601.1)
Application Notes	Epidermal growth factor (EGF) is a growth factor that stimulates cell growth, proliferation, and differentiation by binding to its receptor EGFR. To test the effect of EGF on cell proliferation of 3T3 fibroblasts, 3T3 cells were seeded into triplicate we