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32-12037: Mouse Epidermal Growth Factor-Biotin Conjugate(Discontinued)

Gene : Egf
Gene ID : 13645
Uniprot ID : P01132
Alternative Name : Â Urogastrone, URGÂ Â Â Â Â Â Â Â Â Â Â Â Â Â

Description

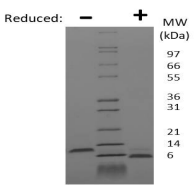
Source: Genetically modified E.coli.
Predicted MW: Monomer, 7 kDa (61 aa)
Epidermal growth factor (EGF) is a growth factor that stimulates the proliferation, differentiation, and survival of epithelial and epidermal cells. EGF contains three intramolecular disulfide bonds and binds in high affinity to the epidermal growth factor receptor (EGFR). The recombinant EGF-Biotin conjugate has an N-terminal leader sequence containing a biotin molecule. There is half of a biotin molecule per EGF protein. The biotin conjugate does not alter the biological activity of the EGF protein.

Product Info

Amount : 20 µg
Purification : Reducing and Non-Reducing SDS PAGE at >= 95%
Content : In solution: 0.5 mg/mL in sterile PBS
Storage condition : Centrifuge vial before opening. DO NOT VORTEX. Store at 4°C.
Amino Acid : MKKIDDDKNSÂ YPGCPSSYDGÂ YCLNGGVCMHÂ IESLDSYTCNÂ CVIGYSGDRCÂ QTRDLEWWELÂ R

Application Note

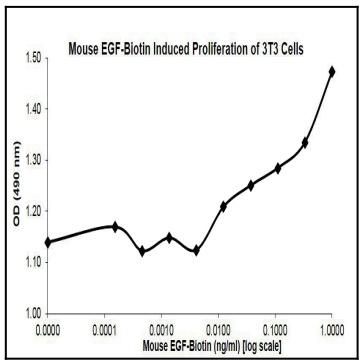
Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Biological Activity was determined by 3T3 cell proliferation at <=250 pg/mL; >= 4.0 x 10^6 units/mg (typical ED50 is 10-100 pg/mL).



Mouse EGF Biotin Conjugate Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse EGF Biotin Conjugate is predicted to have a MW of 7 kDa.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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