

# Product datasheet for TP723069

### Egf (NM\_010113) Mouse Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Mouse epidermal growth factor (Egf). Species: Mouse E. coli **Expression Host: Expression cDNA Clone** NSYPGCPSSY DGYCLNGGVC MHIESLDSYT CNCVIGYSGD RCQTRDLRWW ELR or AA Sequence: Tag: Tag Free Predicted MW: 6 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2 The ED50 was determined by a cell proliferation assay using BALB/c 3T3 cells is less than or **Bioactivity:** equal to 0.1 ng/ml, corresponding to a specific activity of > 1 x 10^7 units/mg. Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g) Endotoxin: Store at -80°C. Storage: Stable for at least 6 months from date of receipt under proper storage and handling Stability: conditions. RefSeq: NP 034243 Locus ID: 13645 **UniProt ID:** P01132, Q3UWD7 **RefSeq Size:** 4757 3 58.5 cM Cytogenetics: **RefSeq ORF:** 3654 Synonyms: AI790464



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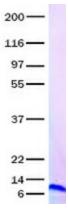
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Summary:

This gene encodes epidermal growth factor (EGF), the founding member of the EGF family of growth factors that are implicated in cell proliferation and differentiation. The encoded protein can localize to the membrane and function in juxtacrine signaling or undergo proteolytic processing to generate a soluble form of the hormone. Mice lacking the encoded protein do not exhibit an abnormal phenotype but transgenic mice overexpressing the encoded protein exhibit hypospermatogenesis. [provided by RefSeq, Jul 2016]

## **Product images:**



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