

## Product datasheet for TP511815

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse epidermal growth factor (Egf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211815 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPWGRRPTWLLLAFLLVFLKISILSVTAWQTGNCQPGPLERSERSGTCAGPAPFLVFSQGKISISRIDPDG  
 TNHQLVVDAGISADMDIHYKKERLYWVDVERQVLLRVFLNGTGLEKVCNVERKVSGLAIDWIDDEVLWV  
 DQQNGVITVDMTGKNSRVLLSSLKHPNSIAVDPIERLMFWSSEVTGSLHRAHLKGV DVKTLLETGGISV  
 LTLDVDLKRFLFWVQDSGEGSHAYIHSCDYEGGSVRLIRHQARHLSLSSMAFFGDRIFYSVLKSKAIWIANK  
 HTGKDTVIRINLHPSFVTPGKLMVHPRAQPRTEDAAKDPPELLKQRGRPCRFGLCERDPKSHSSACAEG  
 YTLRDRKYCEDVNECATQNHGCTLGCENTPGSYHCTCPTGFVLLPDGKQCHELVSCPNGVSKCSHGCVL  
 TSDGPRCICPAGSVLGRDGKTCTGCSSPDNGGCSQICLPLRPGSWECDFPGYDLQSDRKSAAASGPQL  
 LLFANSQDIRHMHFDGTDYKVLLSRQMGMVFALDYDPVESKIYFAQTALKWIERANMDGSRERLITEGV  
 DTLEGLALDWIGRRIYWTDSGKSVVGGSDLSGKHHRIIIQERISRPRGIAVHPRARRLFWTDVGMSPRIE  
 SASLQGS DRVLIASSNLLLEPSGITIDYLTDTLYWCDTKRSVIEMANLDGSKRRRLIQNDVGHFSLAVFE  
 DHLWVSDWAIPSVIRVNRKTGQNRVRLQGSM LKPSLVVHPLAKPGADPCLYRNGGCEHICQESLGTAR  
 CLCREGFVKAWDGKMCLPQDYPILSGENADLSKEVTSLSNSTQAEV PDDDGTESSTLVAEIMVSGMNYED  
 DCGPGGCGSHARCVS DGETAECQCLKGFARDGNLCS DIDEVLARS DCPSTSSRCINTEGGYVCRCS EGY  
 EGDGISCDFIDECQRGAHNCAENAACTNTEGGYNCTCAGRPSSPGRSCPDSTAPSL LGEDGHHLD RNSYP  
 GCPSSYDGYCLNGGVCMHIESLDSYTCNCVIGYSGDRCQTRDLRWWELRHAGY GQKHDIMVAVCMVALV  
 LLLLLGMWGTYYRTRKQLSNPPKNPCDEPSGSVSSSGPDSSSGAAVASCQPWFV VLEKHQDPKNGSLP  
 ADGTNGAVVDAGLSPSLQLG SVHLTSWRQKPHIDGMGTGQSCWIPPSSDRGPQEIEGNSHLPSYRPVGP E  
 KLHSLQSANGSCHERAPDLPRQTEPVQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	133.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_034243</a>
<b>Locus ID:</b>	13645
<b>UniProt ID:</b>	<a href="#">P01132</a> , <a href="#">Q3UWD7</a>
<b>RefSeq Size:</b>	4757
<b>Cytogenetics:</b>	3 58.5 cM
<b>RefSeq ORF:</b>	3654
<b>Synonyms:</b>	AI790464
<b>Summary:</b>	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]