

Product datasheet for **TP723070**

Egf (NM_012842) Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Rat epidermal growth factor (Egf).
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MNSNTGCPPS YDGYCLNGGV CMYVESVDYR VCNCVIGYIG ERCQHRDLRW WKLR
Tag:	Tag Free
Predicted MW:	6.2 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
Bioactivity:	ED50 was determined by a cell proliferation assay using BALB/c 3T3 cells is less than or equal to 0.1 ng/ml, corresponding to a specific activity of > 1 x 10 ⁷ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_036974
Locus ID:	25313
UniProt ID:	P07522
RefSeq Size:	4801
Cytogenetics:	2q21
RefSeq ORF:	3399
Summary:	binds the epidermal growth factor receptor; may play a role in MAP kinase mediated signaling pathways [RGD, Feb 2006]



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Product images:

