

## Product datasheet for **TP507148**

### Clu (NM\_013492) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse clusterin (Clu), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207148 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKILLLCVALLLIWDNGMVLGEQEVSDNELQELSTQGSRYINKEIQNAVQGVKHIKTLEKTNAERKSL  
NSLEEAKKKKEDALEDRDSEMKLKAFPEVCNETMMALWEECKPCLKHTCMKFYARVCRSGSGLVGQQL  
EFLNQSSPFYFWMNGDRIDSLLESDRQQSQVLDAMQDSFARASGIIDTLFQDRFFARELHDPHYFSPIGF  
PHKRPFLYPKSRLVRSLSMSPSHYGPPSFHNMFPFFEMIHQAQQAMDVQLHSPAFQFPDVFDFLREGEDD  
RTVCKEIRRNSTGCLKMKGQCEKCEILSVDCSTNPAQANLRQELNDSLQVAERLTEQYKELLQSFQSK  
MLNTSSLLEQLNDQFNWWSQLANLTQGEDKYYLRVSTVTTHSSDSEVPSRVTEVVVKLFSDPITVVLPE  
EVSKDNPKFMDTVAEKALQEYRRKSRAE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	51.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_038520</a>
Locus ID:	12759



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UniProt ID:	<a href="#">Q06890</a> , <a href="#">Q549A5</a>
RefSeq Size:	1808
Cytogenetics:	14 34.36 cM
RefSeq ORF:	1347
Synonyms:	A; A1893575; Apoj; C; Cli; D14Ucl; D14Ucla3; Sg; Sgp; Sgp-2; Sgp2; SP-; SP-40; Sugp; Sugp-2
Summary:	<p>The protein encoded by this gene is a secreted chaperone that can, under some stress conditions, also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric mature protein comprised of alpha and beta subunits. Mice lacking the encoded protein exhibit increased severity of autoimmune myocarditis, faster progression of the acute inflammation to myocardial scarring and decreased brain injury following neonatal hypoxic-ischemic injury. [provided by RefSeq, Nov 2015]</p>