

## Product datasheet for TP510212

### Zp2 (NM\_011775) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zona pellucida glycoprotein 2 (Zp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210212 representing NM_011775 Red=Cloning site Green=Tags(s)

MARWQRKASVSSPCGRSIYRFLSLLFTLVTSVNSVSLPQSENPAFPGLICDKDEVRIEFSSRFDMEKWN  
PSVVDTLGSEILNCTYALDLERFVLKFPYETCTIKVGGYQVNIRVGDTTTTDVRYKDDMYHFFCPAIQAE  
THEISEIVCRRDLISFSFPQLFSRLADENQNVSEMGWIVKIGNGTRAHILPLKDAIVQGFNLLIDSQKV  
TLHVPANATGIVHYVQESSYLYTVQLELLFSTTGQKIVFSSHAICAPDLVACNATHMTLTIPEFFGKLE  
SVDFGQWSIPEDQWHANGIDKEATNGLRLNFRKSLKTKPSEKCPFYQFYLSLKLTFYFQGNMLSTVID  
PECHCESPVSIDELCAQDGFMDFEVYSHQTKPALNLDTLLVGNSSCQPIFKVQSVGLARFHIPLNGCGTR  
QKFEGDKVIYENIHALWENPPSNIVFRNSEFRMTVRCYIYRDSMLLNAHVKGHPSEAFVKPGPLVLVL  
QTYPDQSYQRPYRKDEYPLVRYLRQPIYMEVKVLSRNDPNIKLVLDCCWATSSSEDPASAPQWQIVMDGCE  
YELDNRYRTTFHPAGSSAAHSGHYQRFDVKTFAFVSEARGLSSLIYFHCSALICNQVSLDSPLCSVTCPAS  
LRSKREANKEDTMTVSLPGPILLSDVSSSKGVDPSSSEITKDIIAKDIASKTLGAVAALVGSVILGFI  
CYLYKKRTIRFNH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	80.7 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.



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<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_035905</a>
<b>Locus ID:</b>	22787
<b>UniProt ID:</b>	<a href="#">P20239</a> , <a href="#">Q3UX44</a>
<b>RefSeq Size:</b>	2200
<b>Cytogenetics:</b>	7 64.38 cM
<b>RefSeq ORF:</b>	2139
<b>Synonyms:</b>	Zp-; Zp-2
<b>Summary:</b>	This gene encodes a member of the zona pellucida family of glycoproteins that play an important role in the survival of growing oocytes, successful fertilization and the passage of early embryos through the oviduct. The encoded preproprotein undergoes proteolytic processing to generate the mature polypeptide that is incorporated into the extracellular matrix surrounding mouse oocytes. Mice lacking the encoded protein develop defective zonae pellucidae that disrupt folliculogenesis, fertility and development. [provided by RefSeq, Sep 2016]