

## Product datasheet for **TP510561**

### Pigr (NM\_011082) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymeric immunoglobulin receptor (Pigr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210561 representing NM_011082 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRLYLFTLLVTVFSGVSTKSPIFGPQEVSSIEGDSVSITCYYPDTSVNRHTRKYWCRQGASGMCTTLISS  
NGYLSKEYSGRANLINFENNTFVINIEQLTQDDTGSYKCGLGTSNRGLSFDVSLEVSQVPELPSDTHVY  
TKDIGRNVITIECPFKRENAPSKKSLCKKTNQSCSELVIDSTEVNPSYIGRAKLFMKGTDLTVFYVNISHL  
THNDAGLYICQAGEGPSADKKNVDLQVLAPEPELKYDLRSSVTFECDLGREVANEAKYLCRMNKETCDV  
IINTLGKRDPDFEGRILITPKDDNGRFSVLITGLRKEDAGHYQCGAHSSGLPQEGWPIQWQLFVNEEST  
IPNRRSVVKGVTGGSVAIACPYNPKESSSLKYWCRWEGDGNHCPVLVGTQAQVQEEYEGRLALFDQPGN  
GTYTVILNQLTTEDAGFYWCLTNGDSRWRTTIELQVAEATREP NLEVTPQNATAVLGETFTVSCHYPCKF  
YSQEKYWCKWSNKGCHILPSHDEGARQSSVSCDQSSQLVSMTLNVPVSKEDEGWYWCVKQGQTYGETTAI  
YIAVEERTRGSSSHVNPTDANARAKVALEEEV DSSISEKENKAIPNPGPFANEREIQNVGDQAQENRASG  
DAGSADGQSRSSSSKVLVSTLVPLGLVAVGAI VVVARVRHRKNVDRMISSYRTDISMADFKNRDLG  
GNDNMGASPDTQQT VIEGKDEIVTTTECTAEPEESKKAKRSSKEEADMAYS AFLLSSTIAAQVHDGPQE  
A

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	85.4 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_035212</a>
<b>Locus ID:</b>	18703
<b>UniProt ID:</b>	<a href="#">O70570</a>
<b>RefSeq Size:</b>	3849
<b>Cytogenetics:</b>	1 56.89 cM
<b>RefSeq ORF:</b>	2313
<b>Summary:</b>	This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment (By similarity).[UniProtKB/Swiss-Prot Function]