

Product datasheet for TP508155

Pias4 (NM_021501) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein inhibitor of activated STAT 4 (Pias4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208155 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAAELVEAKNMVMSFRVSDLQMLLGFVGRSKSLKHELVTRALQLVQFDCSPELFKKIKELYETRYAKKS AEPGPQAPRPLDPLALHSMPTPLSGPTVDYPVLYGKYLNGLGRLPTKTLKPEVRLVKLPFFNMLDELLK PTELVPQSAEKLQESPCIFALTPRQVEMIRNSRELQPGVKAVQVLRICYSDTSCPQEDQYPPNIAVKVN HSYCSVPGYYPSNKPGEVPEKRPCRPINLTHLMYLSSATNRITVTWGNYGKSYSVALYLVRQLTSSDLLQR LKTIGVKHPELCKALVKEKLRDPDSEIATTGVRVSLICPLVKMRLSVPCRAETCAHLQCFDAVFYLMN EKKPTWMCPCVCDKPAAYDQLIIDGLLSKILSECEGADEIEFLAEGSWRPIRAEKEPSCSPQGPILVLGTS DANGLAPASSTPGIGSGLSGPGSAGSGAGAAGSLENGKTGADVVDLTLTSSSSSEDEDEDEDEDEDEDEDE PRPKRRCPFQKGLVPAC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	55.6 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:	NP_067476



[View online »](#)

Locus ID:	59004
UniProt ID:	Q9JIM05 , Q3ULQ6
RefSeq Size:	1676
Cytogenetics:	10 C1
RefSeq ORF:	1524
Synonyms:	Pias-gamma; Piasg; PIASY
Summary:	Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53/TP53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Mediates sumoylation of CEBPA, PARK7, HERC2, MYB, TCF4 and RNF168. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations. Enhances the sumoylation of MTA1 and may participate in its paralogue-selective sumoylation (By similarity).[UniProtKB/Swiss-Prot Function]