

Product datasheet for TP511371

Rai14 (NM_030690) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse retinoic acid induced 14 (Rai14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211371 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MKSLKAKFRKSDTNEWNKNDRLQAVENGDAEKVASLLGKKGASATKHDSEGKTAFLHAAAKGHVECLK
VMVTHGVDVTAQDSSGHSALHVAAKNGHPEICIRKLLQYKSPAENIDNSGKTALHYAAAQGCLQAVQLLCE
HKSPINLKDLDGNIPLLVAVQNGHSEACHFLLDHGADVNSRDKNRGTALMLACETGSSNTVDALIKKGAD
LSLVDSLGHNALHYSKLSNAGIQNLLLSKISQDADLKTPTPKQHDQVSKISSERSGTPKKRKAPPPPI
SPTQLSDVSSPRSITSTPLSGKESVFFAEAPFKAEISSIQENKDRLSDSTAGADSLDISSEADQQDLLV
LLQAKVASLTLHNKELQDKLQAKSPKDKEAEADLSFQSFHSTQTDLAPSPGKASDIPSSDAKSSPPVEHP
AGTSTTDNDVIIRQLQDSLHDLQKRLESSEAEKQQLQDELQSQRDTLCLNTEISENGSDLSQKLKETQ
SKYEEAMKEVLSVQKQMKLGLLSQESADGYSHLREAPADEIDITLKQDLQKAVEESARNKERVRELETKL
AEKEQAEATKPPAEACEELRSSYCSVIENMNKEKAFLFEKYQQAQEEIMKLDLTKSQMPQEAPDDSGDM
KEAMNRMIDELNKQVSELSQLYREAQAELEDYRKRKSLEDAAEYIHKAEHERLMHVSNLSRAKSEEALSE
MKSQYSKVLNLTQLKQLVDAHKENSVSITEHLQVITTLRRTAKEMEEKISALTGHLANKEAEVAKLEKQ
LAEEKAASDAMVPKSSYEKLQASLESEVNALATKLKESVREREKAHSEVAQVRSEVSQARREKDNIQTL
LKAKEQEVTAQVQFQRAQEELAGMRRRCSETSSKLEEDKDEKINEMTREVLLKKEALNSLSQLSYSTSSS
KRQSQQLDLLQQVQKQLQNQLAECKKHHQEVISVYRMHLLYAVQGMDEDVQKVLKQILTMCKNQSQKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	108.9 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



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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_109615
Locus ID:	75646
UniProt ID:	Q9EP71
RefSeq Size:	4929
Cytogenetics:	15 A1
RefSeq ORF:	2940
Synonyms:	1700008J19Rik; 1700020L11Rik; Ankycorbin; mKIAA1334; Norpeg
Summary:	Plays a role in actin regulation at the ectoplasmic specialization, a type of cell junction specific to testis. Important for establishment of sperm polarity and normal spermatid adhesion. May also promote integrity of Sertoli cell tight junctions at the blood-testis barrier.[UniProtKB/Swiss-Prot Function]