

Product datasheet for TP308689L

RAI14 (NM_015577) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human retinoic acid induced 14 (RAI14), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC208689 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MKSLKAKFRKSDTNEWNKNDRLQLAVENGDAEKVASLLGKKGASATKHDSEGKTAFHLAAAKGHVECLR
VMITHGVDVTAQDTTGHSALHLAAKNSHHECIRKLLQSKCPAESVDSSGKTALHYAAAQGCQLQAVQILCE
HKSPINLKDLGNIPLLLAVQNGHSEICHFLLDHGADVNSRNKSGRTALMLACEIGSSNAVEALIKKGAD
LNLVDSLGYNALHYSKLSENAGIQSLLSKISQDADLKTPTPKQHDQVSKISSERSGTPKKRKAPPPPI
SPTQLSDVSSPRISITSTPLSGKESVFFAEPFFKAEISSIRENKDRLSDSTTGADSLDISSEADQQDLSL
LLQAKVASLTLHNKELQDKLQAKSPKEAEADLSFDSYHSTQTDLGPLGKPGETSPDSSKSSPSVLIHSL
GKSTTDNDVRIQQLQEILQDLQKRLESSEAEKQLQVELQSRAELVCLNNTSEISNSSDLSQKLKETQS
KYEEAMKEVLSVQKQMKLGLVSPESMDNYSHFELRVTEEEINVLKQDLQNALEESERNKEKVRELEEK
VEREKGTVIKPPVEEYEMKSSYCSVIENMNKEKAFLFEKYQEAQEEIMKLDTLKSQMTQEASDEAEDM
KEAMNRMIDELNKQVSELSQLYKEAQAELEDYRKRKSLIEDVTAEYIHKAEHEKLMQLTNVSRAKAEDALS
EMKSQYSKVLNLTQLKQLVDAQKENSVSITEHLQVITTLRTAAKEMEEKISNLKEHLASKEVEVAKLEK
QLLEEKAAAMTDAMVPRSSYEKLQSSLESESVLASKLKESVKEKEKVHSEVQIRSEVSQVKREKENIQT
LLKSKEQEVNELLQKFQQAQEELAEMKRYSESSKLEEDKDKKINEMSKEVTKLKEALNSLSQLSYSTSS
SKRQSQLEALQQQVKQLQNQLAECKKQHQEIVSVYRMHLLYAVQGQMDDEDVQKVLKQILTMCKNQSQKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 109.9 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

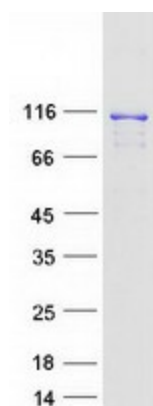
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

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.
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_056392
Locus ID:	26064
UniProt ID:	Q9P0K7
RefSeq Size:	5010
Cytogenetics:	5p13.2
RefSeq ORF:	2940
Synonyms:	NORPEG; RAI13
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]

Product images:



Coomassie blue staining of purified RAI14 protein (Cat# [TP308689]). The protein was produced from HEK293T cells transfected with RAI14 cDNA clone (Cat# [RC208689]) using MegaTran 2.0 (Cat# [TT210002]).