

## Product datasheet for TP327548

### RAI14 (NM\_001145520) Human Recombinant Protein

#### Product data:

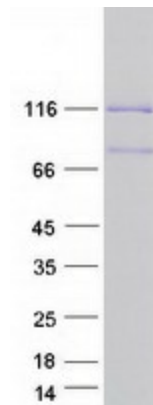
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens retinoic acid induced 14 (RAI14), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227548 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MKSLKAKFRKSDTNEWNKNDRLQAVENGDAEKVASLLGKKGASATKHDSEGKTAFLHAAAKGHVECLR VMITHGVDVTAQDTTGHSALHLAAKNSHHECIRKLLQSKCPAESVDSSGKTALHYAAAQGCLQAVQILCE HKSPINLKDLGNIPLLLAVQNGHSEICHFLLDHGADVNSRNKSGRTALMLACEIGSSNAVEALIKKGAD LNLVDSLGYNALHYSKLSENAGIQSLLLSKISQDADLTKPTPKQHDQVSKISSERSGTPKKRKAPPPPI SPTQLSDVSSPRISITSTPLSGKESVFFAEPFKAIEISSIRENKDRLSDSTTGADSLDISSEADQDQLLS LLQAKVASLTLHNKELQDKLQAKSPKEAEADLSFDSYHSTQTDLGPSTGKPGGETSPDSSPSVLIHSL GKSTTDNDVRIQQQEILQDLQKRLESSEAEKQLQVELQSRAELVCLNNTSEISNSSDLSQKLETKQS KYEEAMKEVLSVQKQMKLGLVSPESMDNYSHFHELVRTEEEINVLKQDLQNALEESERNKEKVRELEEKL VEREKGTVIKPPVEEYEMKSSYCSVIENMNKEKAFLFEKYQEAQEEIMKLDLKSQMTQEASDEAEDM KEAMNRMIDELNKQVSELSQLYKEAQAELEDYRKRKSLDVDTAEYIHKAEHEKLMQLTNVSRKAEDALS EMKSQYSKVLNLTQLKQLVDAQKENSVSITEHLQVITTLRTAAKEMEEKISNLKEHLASKEVEVAKLEK QLLEEKAAAMTDAMVPRSSYEKQSSLESEVSVLASKLKEVKEKEKVHSEVVQIRSEVSQVKREKENIQT LLKSKEQEVNELLQKFQQAQEELAEMKRYSESSSKLEEDKDKKINEMSKEVTKLKEALNSLSQLSYSTSS SKRQSQLEALQQQVKQLQNQLAECKKQHQEIVSVYRMHLLYAVQGQMDDEDVQKVLKQILTMCKNQSQKK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_001138992</a>
<b>Locus ID:</b>	26064
<b>UniProt ID:</b>	<a href="#">Q9P0K7</a>
<b>RefSeq Size:</b>	5068
<b>Cytogenetics:</b>	5p13.2
<b>RefSeq ORF:</b>	2940
<b>Synonyms:</b>	NORPEG; RAI13
<b>Summary:</b>	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# TP327548). The protein was produced from HEK293T cells transfected with RAI14 cDNA clone (Cat# [RC227548]) using MegaTran 2.0 (Cat# [TT210002]).