

Product datasheet for TP327548M

RAI14 (NM_001145520) Human Recombinant Protein

Product data:

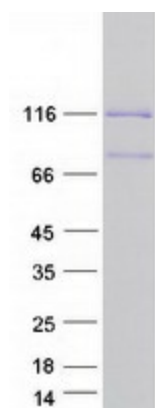
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens retinoic acid induced 14 (RAI14), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227548 protein sequence Red =Cloning site Green =Tags(s)
	<p>MKSLKAKFRKSDTNEWNKNDRLQAVENGDAEKVASLLGKKGASATKHDSEGKTAFLHAAAKGHVECLR VMITHGVDVTAQDTTGHSALHLAAKNSHHECIRKLLQSKCPAESVDSSGKTALHYAAAQGCLQAVQILCE HKSPINLKDLGNIPLLLAVQNGHSEICHFLLDHGADVNSRNKSGRTALMLACEIGSSNAVEALIKKGAD LNLVDSLGYNALHYSKLSENAGIQSLLLSKISQDADLTKPTPKQHDQVSKISSERSGTPKKRKAPPPPI SPTQLSDVSSPRISITSTPLSGKESVFFAEPFKAIEISSIRENKDRLSDSTTGADSLDISSEADQDQLLS LLQAKVASLTLHNKELQDKLQAKSPKEAEADLSFDSYHSTQTDLGPSTLGGKPGGETSPDSSPSVLIHSL GKSTTDNDVRIQQQEILQDLQKRLESSEAEKQLQVELQSRAELVCLNNTSEISNSSDLSQKLKETQS KYEEAMKEVLSVQKQMKLGLVSPESMDNYSHFHELVRTEEEINVLKQDLQNALEESERNKEKVRELEEKL VEREKGTVIKPPVEEYEMKSSYCSVIENMNKEKAFLFEKYQEAQEEIMKLDLTKSQMTQEASDEAEDM KEAMNRMIDELNKQVSELSQLYKEAQAELEDYRKRKSLDVDTAEYIHKAEHEKLMQLTNVSRKAEDALS EMKSQYSKVLNLTQLKQLVDAQKENSVSITEHLQVITTLRTAAKEMEEKISNLKEHLASKEVEVAKLEK QLLEEKAAAMTDAMVPRSSYEKLQSSLESESVLASKLKEVKEKEKVHSEVVQIRSEVSQVKREKENIQT LLKSKEQEVNELLQKFQQAQEELAEMKRYSESSSKLEEDKDKKINEMSKEVTKLKEALNSLSQLSYSTSS SKRQSQLEALQQQVKQLQNQLAECKKQHQEIVSVYRMHLLYAVQGMDEDVQKVLKQILTMCKNQSQKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</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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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_001138992
Locus ID:	26064
UniProt ID:	Q9P0K7
RefSeq Size:	5068
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# [TP327548]). The protein was produced from HEK293T cells transfected with RAI14 cDNA clone (Cat# [RC227548]) using MegaTran 2.0 (Cat# [TT210002]).