

Recombinant Human RAI14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAI14-2249H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | RAI14 MS Standard C13 and N15-labeled recombinant protein (NP_056392) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 110.1 kDa |
| AA Sequence | <p>MKSLKAKFRKSDTNEWNKNDRLQAVENGDAEKVASLLGKKGASATKHDSEGKT AFHLAAAKGHVECLRVMITHGVDVTAQD TTGHSALHLAAKNSHHECIRKLLQSKCPA ESVDSSGKTALHYAAAQGCLQAVQILCEHKSPINLKDL DGNIPLLLAVQNGHSEICHF LLDHGADVNSRNKSGRTALMLACEIGSSNAVEALIKKGADLNLVDSLGYNALHYSKL SENAGIQSLLL SKISQDADLKTPTKPKQHDQVSKISSERSGTPKKRKAPPPPI SPTQL SDVSSPR SITSTPLSGKESVFFAEP PFKAEISSIRENKDRLSDSTTGADSLLDISSEAD QQDLLSLLQAKVASLTLHNKELQDKLQAKSPKEAEADLSFDSYHSTQTDLGPSLGKP GETSP PDSKSSPSVLIHSLGKSTTDNDVRIQQQLQEILQDLQKRLESSEAEERKQLQVEL QSRRAELVCLN NTEISENSSDLSQKLKETQSKYEEAMKEVLSVQKQMKLGLVSPES</p> |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MDNYSHFHELRVTEEEINV LKQDLQNALEESERNKEKVRELEEKLVEREKGTVIKPP
 VEEYEEMKSSYCSVIENMNKEKAFLFEKYQEAQEEIMKLKDTLKSQMTQEASDEAE
 DMKEAMNRMIDELNKQVSELSQLYKEAQAELEDYRKRKSLEDVTAEYIHKAHEKL
 MQLTNVSRKAEDALSEMKSQYSKVLNLTQLKQLVDAQKENSVSITEHLQVITTLR
 TAAKEMEEKISNLKEHLASKEVEVAKLEKQLLEEKAAMTDAMVPRSSYEKLQSSLES
 EVSVLASKLKESVKEKEKVHSEVVQIRSEVSQVKREKENIQTLKSKQEVEVNELLQKF
 QQAQEELAEMKRYSESSSKLEEDKDKKINEMSKEVTKLKEALNSLSQLSYSTSSSKR
 QSQQLEALQQQVKQLQNQLAECKQHQEVISVYRMHLLYAVQGMDEDVQKVLKQ
 ILTMCKNQSQKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RAI14 retinoic acid induced 14 \[Homo sapiens \(human\) \]](#)

Official Symbol [RAI14](#)

Synonyms RAI14; retinoic acid induced 14; ankyrin; DKFZp564G013; KIAA1334; NORPEG; novel retinal pigment epithelial; RAI13; retinoic acid-induced protein 14; novel retinal pigment epithelial cell protein; ankyrin repeat and coiled-coil structure-containing protein;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



| | |
|----------------|-----------|
| Gene ID | 26064 |
| mRNA Refseq | NM_015577 |
| Protein Refseq | NP_056392 |
| MIM | 606586 |
| UniProt ID | Q9P0K7 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA