

## Recombinant Mouse Rai14 Protein, Myc/DDK-tagged

Cat. No. Rai14-5355M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length retinoic acid induced 14 (Rai14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</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.
<b>Molecular Mass</b>	108.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Rai14 retinoic acid induced 14 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Rai14
<b>Synonyms</b>	RAI14; retinoic acid induced 14; ankyrbin; p125; NORPEG-like protein; retinoic acid-induced protein 14; novel retinal pigment epithelial cell protein; ankyrin repeat and coiled-coil structure-containing protein; Norpeg; mKIAA1334; Ankyrbin; 1700008J19Rik; 1700020L11Rik
<b>Gene ID</b>	75646
<b>mRNA Refseq</b>	NM_030690
<b>Protein Refseq</b>	NP_109615
<b>UniProt ID</b>	Q9EP71

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