Recombinant Mouse Rai14 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinoic acid induced 14 (Rai14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	108.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rai14 retinoic acid induced 14 [Mus musculus (house mouse)]
Official Symbol	Rai14
Synonyms	RAI14; retinoic acid induced 14; ankycorbin; 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; Ankycorbin; 1700008J19Rik; 1700020L11Rik
Gene ID	75646
mRNA Refseq	NM_030690
Protein Refseq	NP_109615
UniProt ID	Q9EP71

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