

Recombinant Mouse Akap7 Protein, Myc/DDK-tagged

Cat. No. Akap7-1578M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length A kinase (PRKA) anchor protein 7 (Akap7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probably targets cAMP-dependent protein kinase (PKA) to the cellular membrane or cytoskeletal structures. The membrane-associated form reduces epithelial sodium channel (ENaC) activity, whereas the free cytoplasmic form may negatively regulate ENaC channel feedback inhibition by intracellular sodium.
Molecular Mass	35.9 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	Akap7 A kinase (PRKA) anchor protein 7 [Mus musculus (house mouse)]
Official Symbol	Akap7
Synonyms	Akap7; A kinase (PRKA) anchor protein 7; Aka; AKAP15; Akap18; AI662165; BB170514; 6430401D08; A-kinase anchor protein 7; A-kinase anchor protein 18; A-kinase anchor protein 9 kDa; AKAP 9; AKAP-18; protein kinase A anchoring protein 7
Gene ID	432442
mRNA Refseq	NM_018747
Protein Refseq	NP_061217
UniProt ID	Q7TN79

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