

Recombinant Rat Map7 Protein, His-tagged

Cat. No. Map7-1096R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Map7 Protein (Ser464-Ile751) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Ser464-Ile751
Description	Predicted to enable signaling receptor binding activity. Predicted to be involved in microtubule cytoskeleton organization and protein localization to plasma membrane. Predicted to act upstream of or within several processes, including gamete generation; male gonad development; and response to retinoic acid. Located in axon. Orthologous to human MAP7 (microtubule associated protein 7).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.6 kDa; Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Map7 microtubule-associated protein 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Map7
Synonyms	MAP7; microtubule-associated protein 7; ensconsin; Mtap7;
Gene ID	293016
mRNA Refseq	NM_001106270
Protein Refseq	NP_001099740
UniProt ID	A0A0G2KB52

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