

Recombinant Rat Rara protein, His & T7-tagged

Cat. No. Rara-5687R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rara aa. (Val237~Pro459 (Accession # Q499N1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val237~Pro459
Description	Mediates all-trans-retinoic acid induction of mitogen-activated protein kinase phosphatase 1 (MKP-1); contributes to regulation of oxidative stress-induced anti-apoptosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.

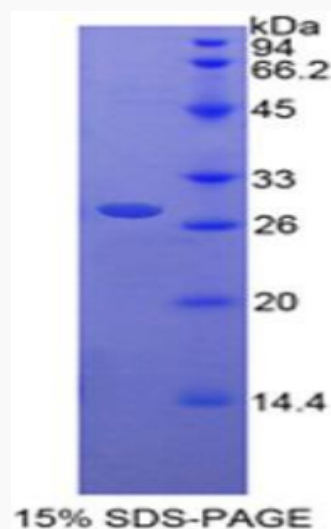
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	Rara retinoic acid receptor, alpha [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Rara
Synonyms	Rara; retinoic acid receptor, alpha; retinoic acid receptor alpha
Gene ID	24705
mRNA Refseq	NM_031528.2
Protein Refseq	NP_113716.2
UniProt ID	Q499N1

SDS-PAGE



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