Recombinant Rat Tacr2 protein, His & T7-tagged

Cat. No. Tacr2-614R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tacr2 aa. (Met1~Val200 (Accession # P16610)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Val200
Description	G-protein coupled receptor for tachykinin K (neurokinin A); coupled to the phosphatidylinositol-calcium second messenger system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

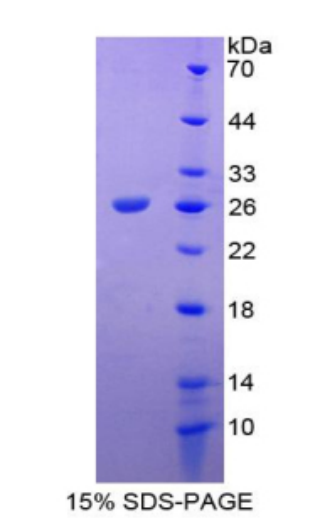
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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	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	Tacr2 tachykinin receptor 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Tacr2
Synonyms	Tacr2; tachykinin receptor 2; Tac2r; substance-K receptor; NK-2 receptor; NK-2R; SKR; Tachykinin 2 (substance K) receptor; neurokinin A receptor
Gene ID	25007
mRNA Refseq	NM_080768.1
Protein Refseq	NP_542946.1
UniProt ID	P16610

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SDS-PAGE	

15% SDS-PAGE

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