

Recombinant Rat Wars protein, His & T7-tagged

Cat. No. Wars-1740R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Wars aa. (Ile140~Leu347 (Accession # Q6P7B0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile140~Leu347
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.7kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein 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.

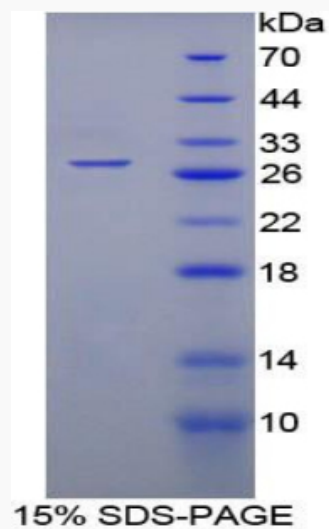
GENE INFORMATION

Gene Name	Wars tryptophanyl-tRNA synthetase [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Wars
Synonyms	Car6; carbonic anhydrase 6; Ca6; DOC1; CA-VI; carbonate dehydratase VI; carbonic anhydrase VI; salivary carbonic anhydrase; secreted carbonic anhydrase
Gene ID	314442
mRNA Refseq	XM_006240542.3
Protein Refseq	XP_006240604.1
UniProt ID	Q6P7B0

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SDS-PAGE

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