



# AVISCERA BIOSCIENCE

## Rat Receptor for Advanced Glycosylation End Products (RAGE), Extracellular Domain (Soluble) Recombinant

### Product Information

Code	00112-03-100
Name	Rat RAGE , ECD, Rec
Lot No.	
Size	100 µg
Species	Rat
Sequence	G23-L341
Protein ID	Q63495
Gene ID	Rn.9829
MW	52.1 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS- PAGE gel PBS buffer lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 ° C ~ -70° C
Reconstituti on	500 µl
Application	ELISA, Cell biology

### Description

A DNA sequence encoding the extracellular domain of Rat RAGE (Gly<sup>23</sup>-Leu<sup>341</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli* . This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg Rat RAGE, ECD in 100 µl of PBS. Carry free.

### Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL . Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Rat RAGE extracellular domain (Gly<sup>23</sup>-Leu<sup>341</sup>)

```
                23 GQNITARI
GEPMLLSCKG  APKKPTQKLE  WKLNTGRTEA  WKVLSPQGDP
WDSVARILPN  GSLLLPAIGI  VDEGTFRCRA  TNRLGKEVKK
NYRVRVYQIP  GKPEIVNPAS  ELTANVPNKV  GTCVSEGSYP
AGTLSWHLDG  KPLIPDGKGT  VVKEETRRHP  ETGLFTLRSE
LTVTPAQGGT  TPTYSCSFSL  GLPRRRPLNT  APIQPRVREP
LPPEGIQLLV  EPEGGTVAPG  GTVTLTCAIS  AQPPIQHWI
KDGTPPLPLP  SPVLLLPEVG  HEDEGIYSCV  ATHPSHGPE
SPPVNIRVTE  TGDEGQAAGS  VDGSGLGTLA  L 341
```

### AVISCERA BIOSCIENCE

2348 WALSH AVE., SUITE C  
SANTA CLARA, CA 95051  
USA

TEL: (408) 982 0300

FAX: (408) 982 0301

Info@AvisceraBioscience.com

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