

## PRODUCT DATA SHEET

### Soluble Receptor for Advanced Glycation End Products (sRAGE) Mouse HEK293

**Cat. No.:** RD272590100

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Mouse

#### Other Names:

Soluble Receptor for Advanced Glycation End Products, sRAGE, Advanced glycation end product-specific receptor, AGER, RAGE

#### Description:

Total 317 AA. MW 34.0 kDa (calculated). UniProtKB acc. No. Q62151-2 Isoform 2 secreted (Gly23–Asp333). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

#### Amino Acid Sequence:

GQNITARIGE PLVLSCKGAP KKPPQQLWK LNTGRTEAWK VLSPQGGPWD SVARILPNGS  
LLLPGATGIVD EGTFRCRATN RRGKEVKSNY RVRVYQIPGK PEIVDPASEL TASVPNKVGT  
CVSEGSYPAG TLSWHLDGKL LIPDGKETLV KEETRRHPET GLFTLRSELT VIPTQGGTHP  
TFSCSFSLGL PRRRPLNTAP IQLRVREPGP PEGIQLLVEP EGGIVAPGGT VTLTCAISAQ  
PPPQVHWIKD GAPLPLAPSP VLLLPEVGHE DEGTYSCVAT HPSHGPQESP PVSIRVTETG  
DEGPAEGEGL DHHHHHH

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.4.

#### Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.