

PRODUCT DATA SHEET

Soluble Receptor for Advanced Glycation End Products (sRAGE) Human HEK293

Cat. No.: RD172116100-H01

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

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

Description:

Total 331 AA. MW 35.8 kDa (calculated). UniProtKB acc. No. Q15109-3 isoform 3 (Ala23–Met347). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

AQNITARIGE PLVLKCKGAP KKPPQRLEWK LNTGRTEAWK VLSPQGGGPW DSVARVLPNG
SLFLPAVGIQ DEGIFRCQAM NRNGKETKSN YRVRVYQIPG KPEIVDSASE LTAGVPNKVG
TCVSEGSYP A GTLSWHLDGK PLVPNEKGVS VKEQTRRHPE TGLFTLQSEL MVTPARGGDP
RPTFSCSFSP GLPRHRALRT APIQPRVWEP VPLEEVQLVV EPEGGAVAPG GTVTLTCEVP
AQPSPQIHWM KDGVPPLPLPP SPVLILPEIG PQDQGTYSKV ATHSSHGPQE SRAVSISIIE
PGEEGPTAGE GFDKVVREAED SPQHMHHHHH H

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from a solution in phosphate buffered saline, pH 7.2

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.