

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 YRVVYQIPG KPEIVDSASE LTAGVPNKVG
TCVSEGSYPA GTLSWHLDGK PLVPNEKGVS VKEQTRRHPE TGLFTLQSEL MVTPARGGDP
RPTFSCSFSP GLPRHRALRT APIQPRVWEP VPLEEVQLVV EPEGGAVAPG GTVTLTCEVP
AQPSPQIHWM KDGVPLPLPP SPVLILPEIG PQDQGTYSVCV ATHSSHGPQE SRAVSISIIIE
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.