

Advanced Glycosylation End Product-Specific Receptor Human Recom-

Item Number	rAP-2753
Synonyms	Advanced glycosylation end product-specific receptor, Receptor for advanced glycosylation end products, AGER, SRAGE, RAGE, MGC22357.
Description	sRAGE Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain containing 331 amino acids and having a molecular mass of 35.2 kDa. sRAGE Human is fused to Flag tag at C-Terminus. sRAGE Human is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15109
Amino Acid Sequence	AQNITARIGE PLVLKCKGAP KKPPQRLEWK LNTGRTEAWK VLSPQGGGPW DSVARVLPNG SLFLPAVGIQ DEGIFRCQAM NRNGKETKSN YRVRVYQIPG KPEIVDSASE LTAGVPNKVG TCVSEGSYPA GTLSWHLDGK PLVPNEKGVS VKEQTRRHPE TGLFTLQSEL MVTPARGGDP RPTF- SCSFSP GLPRHRALRT APIQPRVWEP VPLEEVQLVV EPEGGAVAPG GTVTLTCEVP AQPSPQIHWM KDGVPPLPLPP SPVLILPEIG PQDQGTYSVCV ATHSSHGPQE SRAVSISIIIE PGEEGPTAGS VGGSGGLGTLA AAADYKDDDDK.
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	The filtered (0.4µm) concentrated (0.5mg/ml) protein solution was lyophilized with 20mM Tris and 50mM NaCl, pH 7.5. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it i
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**