

32-4956: Recombinant Human Advanced Glycosylation End Product-Specific Receptor, HEK(Discontinued)

Alternative Name : Advanced glycosylation end product-specific receptor, Receptor for advanced glycosylation end products, AGER, SRAGE, RAGE, MGC22357.

Description

Source : HEK 293. 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. sRAGE is a member of the immunoglobulin superfamily of cell surface molecules. sRAGE is a receptor for various molecules, including the amyloidogenic form of serum amyloid A, amyloid-beta protein, members of the S100/calgranulin superfamily and advanced glycation end products. sRAGE lies within the major histocompatibility complex (MHC) class III region on chromosome 6. Alternative splicing results in two transcript variants encoding different isoforms. sRAGE mediates interactions of nonenzymatic glycosylated proteins which accumulate in vascular tissue during aging & at an increasing rate in diabetes. sRAGE is a receptor for amyloid beta peptide.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The filtered (0.4µm) concentrated (0.5mg/ml) protein solution was lyophilized with 50mM Tris-HCl pH-7.5 & 50mM NaCl.
Storage condition : 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.
Amino Acid : AQNITARIGE PLVLKCKGAP KKPPQRLEWK LNTGRTEAWK VLSPQGGGPW DSVARVLPNG SLFLPAVGIQ DEGIFRCQAM NRRNGKTKSN YRVRVYQIPG KPEIVDSASE LTAGVPNKVG TCVSEGSYPA GTLSWHLDGK PLVPNEKGVS VKEQTRRHPE TGLFTLQSEL MVTPARGGDP RPTFSCSFSP GLPRHRALRT APIQPRVWEP VPLEEVLVV EPEGGAVAPG GTVTLTCEVP AQPSPQIHWK KDGVPPLPP SPVLILPEIG PQDQGTYSVCV ATHSSHGPQE SRAVSISIIIE PGEEGPTAGS VGGSGGLGTLA AAADYKDDDDK.

Application Note

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 in the cell culture.

