



AVISCERA BIOSCIENCE

Mouse Soluble Receptor for Advanced Glycosylation End Products (sRAGE) Rec.

Product Information

Code	00112-06-50
Name	Mouse soluble RAGE Rec.
Lot No.	
Size	50 µg
Species	Mouse
Sequence	Gln24-Ala342
Protein ID	NP_031451.2
Gene ID	NM_007425.3
MW	48 KD (glycosylated)
Tag	His tag on C terminus
Source	Human cells
Purity	>96% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	100 µl

Description

A DNA sequence encoding the extracellular domain of mouse RAGE (Gln²⁴-Ala³⁴²) with a polyhistidine tag on the C-Terminus was expressed in human cells. The mouse soluble RAGE recombinant has a predicted molecular mass of 35.3 kDa. Due to glycosylation, the recombinant mouse soluble RAGE migrates as an approximately 48 kDa band in SDS-PAGE under reduce condition.

Formulation

Lyophilized 50 µg mouse sRAGE in sterile PBS, pH 7.4. Carry free.

Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

Bioactivity

This mouse RAGE was measured to bind mouse HMBG1-Fc.

Reconstitution & Storage

Add 100 µl sterile water to the vial to prepare a working stock solution at 500 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Mouse sRAGE (Gln²⁴-Ala³⁴²)

ORDER INFORMATION
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