



AVISCERA BIOSCIENCE

Human Renin Rec.

Product Information

Code	00274-01-50
Name	Human Renin
Lot No.	
Size	50 µg
Species	Human
Sequence	Leu24-Arg406
Protein ID	NP_000528.1
Gene ID	NM_000537.3
MW	45 KD (glycosylated)
Tag	His tag on C terminus
Source	Human cells
Purity	>95% in SDS- PAGE gel
Formulation	PBS lyophilized form
Carry	Free
Storage	-70° C
Reconstitution	100 µl

Description

A DNA sequence encoding the Human Renin (Leu²⁴-Arg⁴⁰⁶) with a polyhistidine tag on the C-Terminus was expressed in human cells. The Human Renin recombinant has a predicted molecular mass of 43.2 kDa. Due to glycosylation, the recombinant human Renin migrates as an approximately 45 KDa band in SDS-PAGE under reduce condition.

Formulation

Lyophilized 50 µg of human Renin in sterile PBS, pH 7.4, 5% trehalose, Carry free.

Endotoxin Levels

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

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: Human Renin (Leu²⁴-Arg⁴⁰⁶)

ORDER INFORMATION

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