

Certificate of Analysis

[PRODUCT]

Catalog Number: AAA20966

Lot.No.: P20241004671

Protein Name: Recombinant Connexin 43

Synonyms: CX43

Species: Human

Source: *Prokaryotic expression*

Subcellular Location: Membrane.

Size: 10µg

[QC TESTING]

Purity: >90%, 22kDa as determined by SDS-PAGE reducing conditions

Residues: Ser244~Ile382, with N-terminal His-Tag

Predicted Molecular Mass: 18.7kDa

Predicted isoelectric point: 8.0

Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[APPLICATIONS]

Positive Control;

Immunogen;

SDS-PAGE;

Western Blot;

for research use only

[CONTENTS]

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

[STORAGE]

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months .

Avoid repeated freeze-thaw cycles.

Date: 2024.10.10