

Certificate of Analysis

[PRODUCT]

Cat.No.: AAA21114

Lot.No.: P20220805491

Protein Name: Recombinant Thyroid Stimulating Hormone Receptor

Synonyms: TSHR

Species: Human

Source: *Escherichia coli*-derived

Subcellular Location: Membrane.

Size: 500ug

[QC TESTING]

Purity: >95%, 50kDa as determined by SDS-PAGE reducing conditions

Residues: Gly21~Gly413, with N-terminal His-Tag

Predicted Molecular Mass: 48.3kDa

Predicted isoelectric point: 5.4

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% sarcosyl, 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: 2022.8.8